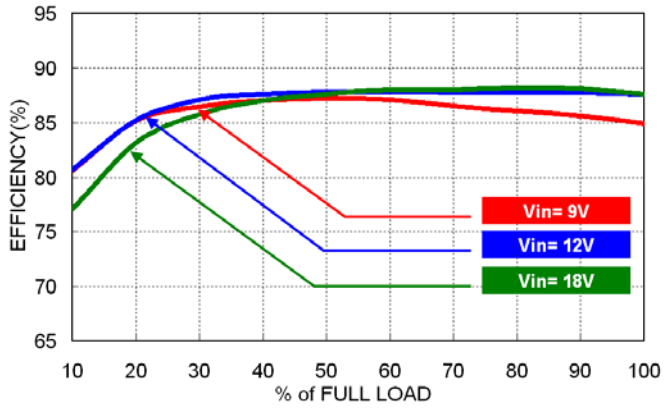
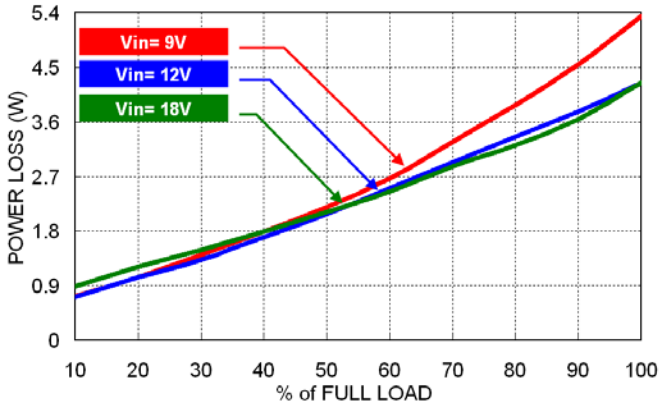
POWERBOX Medline
PMM30 Series
30W 2:1 & 4:1 Single and Dual Output
Medical DC/DC Converter
Characteristic Curves

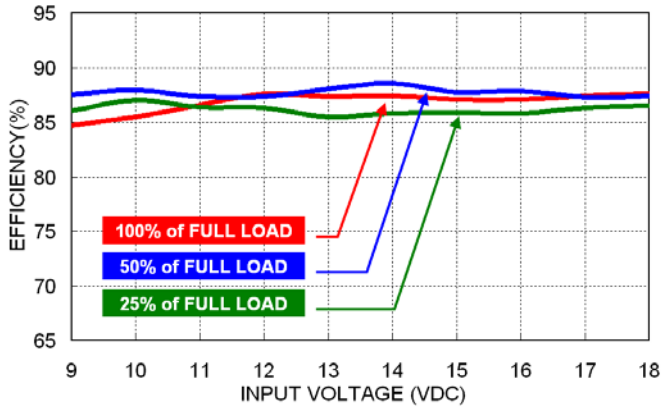
All test conditions are at 25℃.The figures are identical for PMM30-12S05



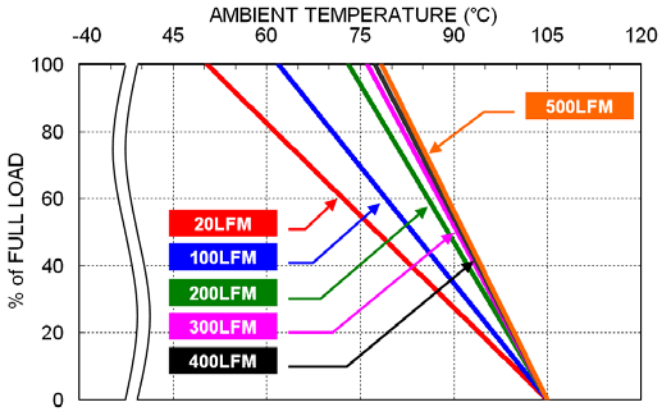
Efficiency Versus Output Load



Power Dissipation Versus Output Load

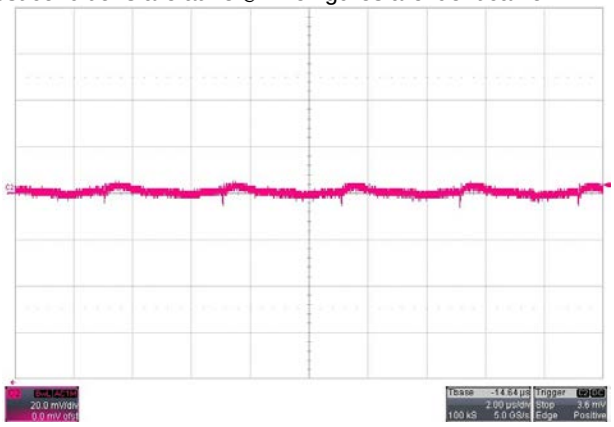


Efficiency Versus Input Voltage.

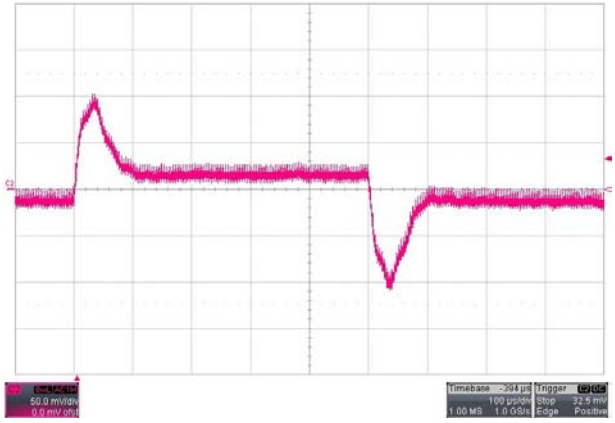


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

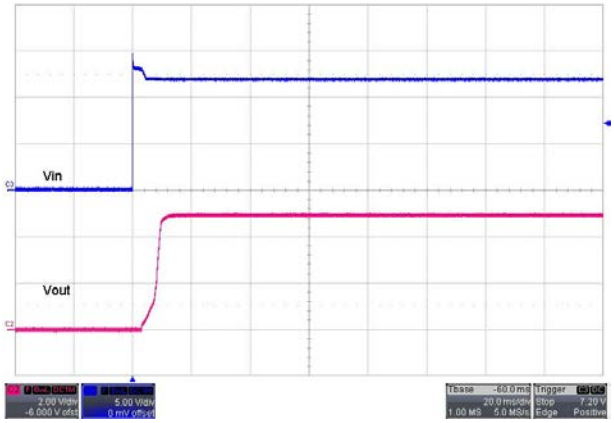
All test conditions are at 25℃.The figures are identical for PMM30-12S05



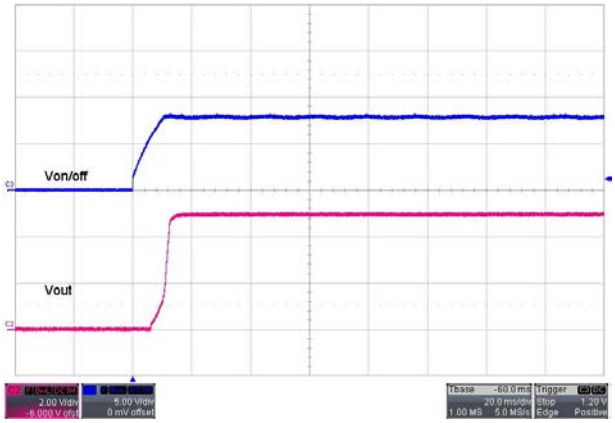
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

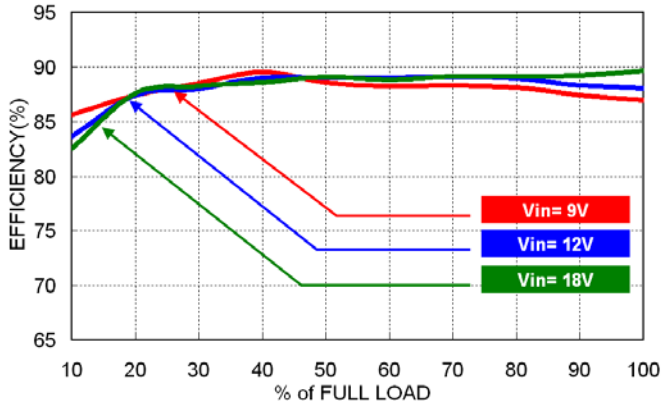


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

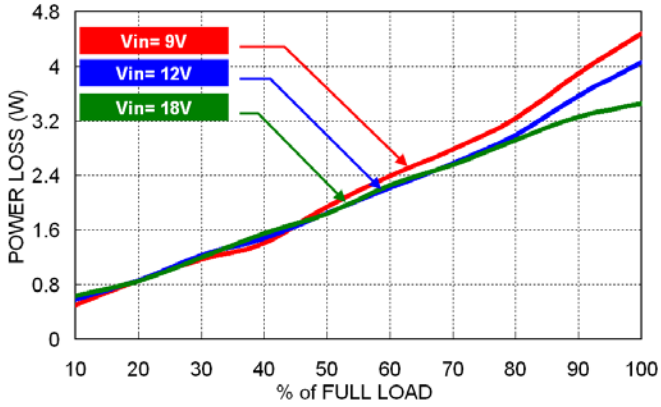


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

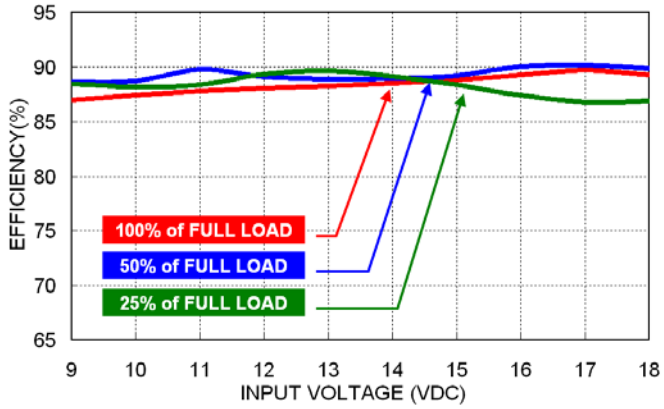
All test conditions are at 25℃.The figures are identical for PMM30-12S12



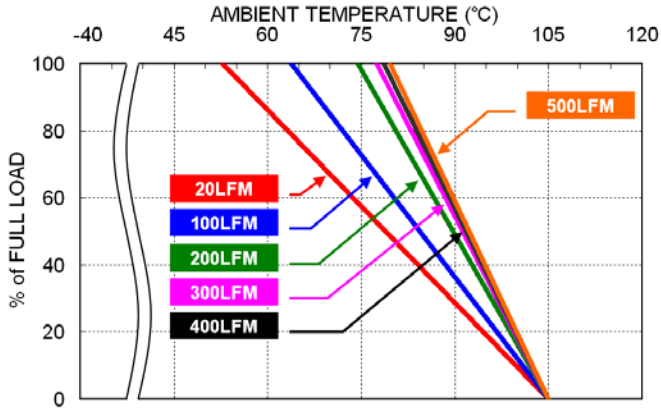
Efficiency Versus Output Load



Power Dissipation Versus Output Load



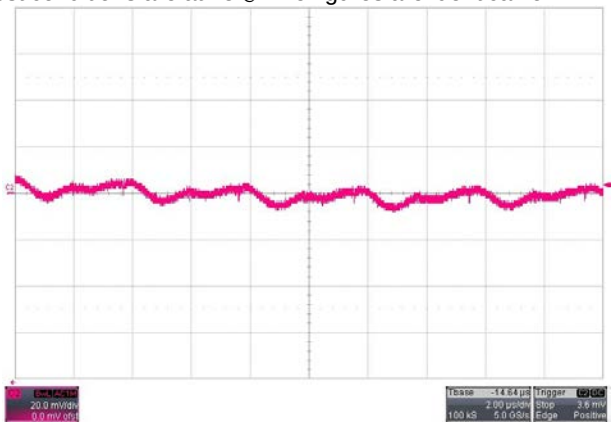
Efficiency Versus Input Voltage.



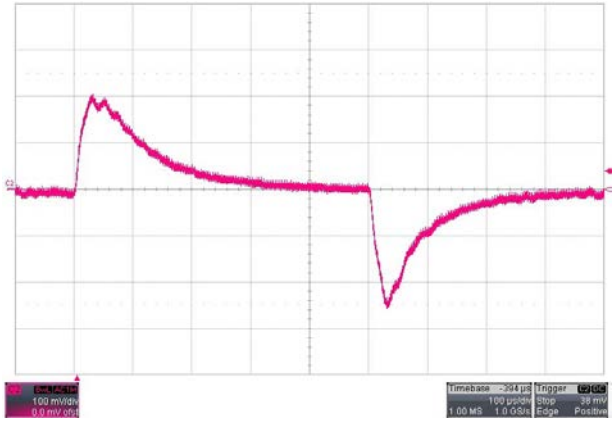
Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

Characteristic Curves

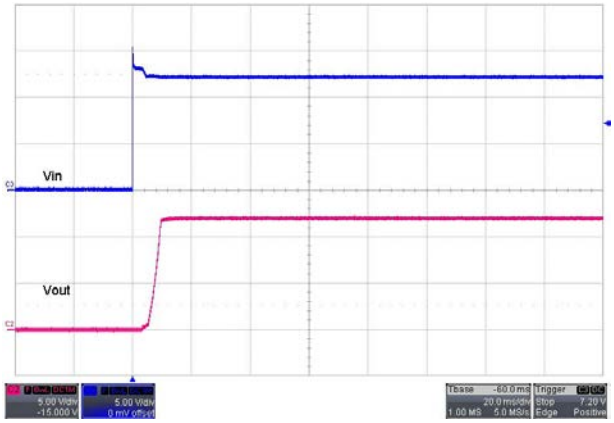
All test conditions are at 25℃.The figures are identical for PMM30-12S12



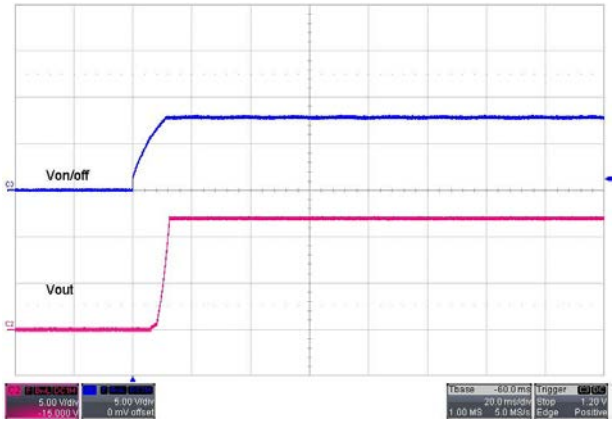
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

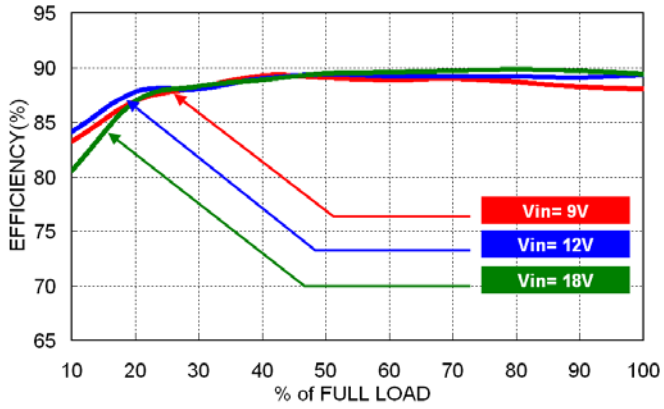


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

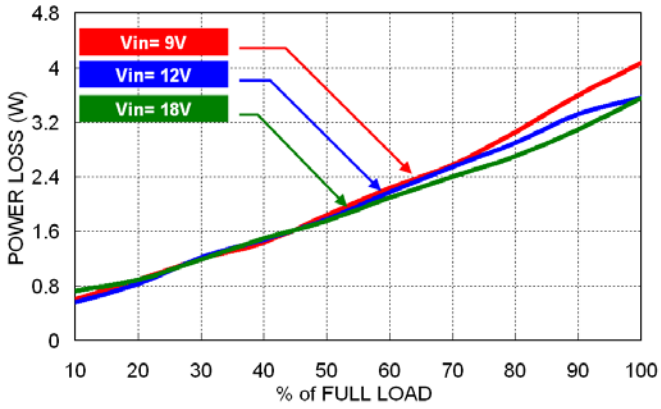


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

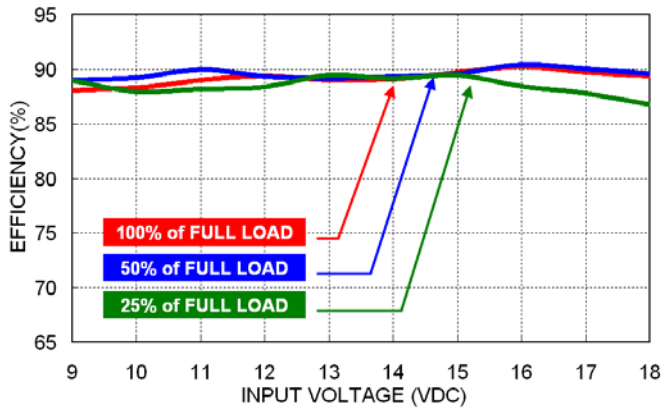
All test conditions are at 25℃.The figures are identical for PMM30-12S15



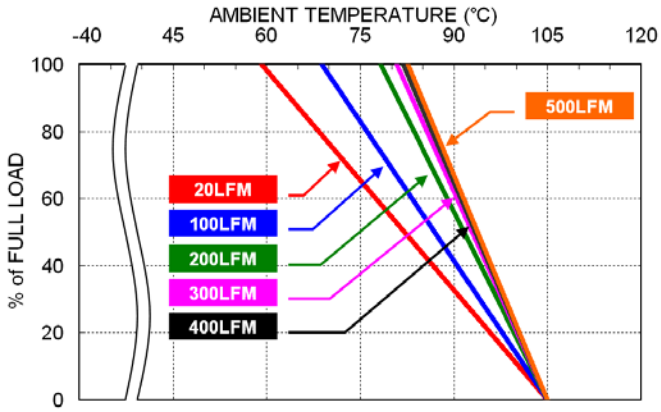
Efficiency Versus Output Load



Power Dissipation Versus Output Load

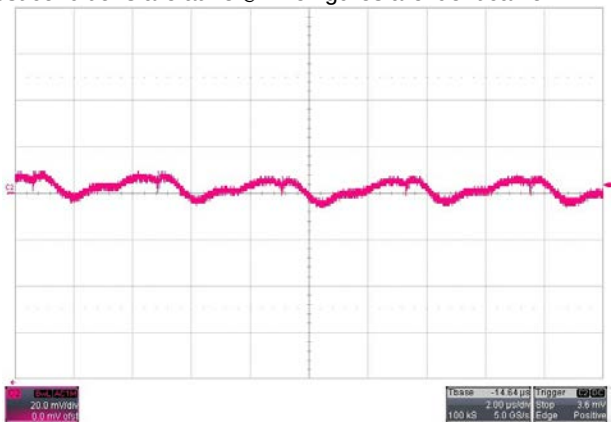


Efficiency Versus Input Voltage.

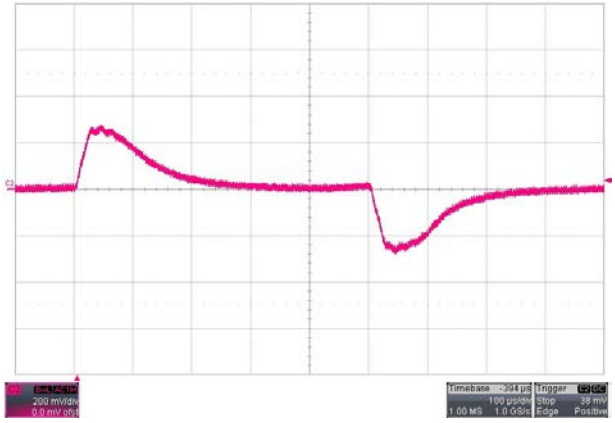


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

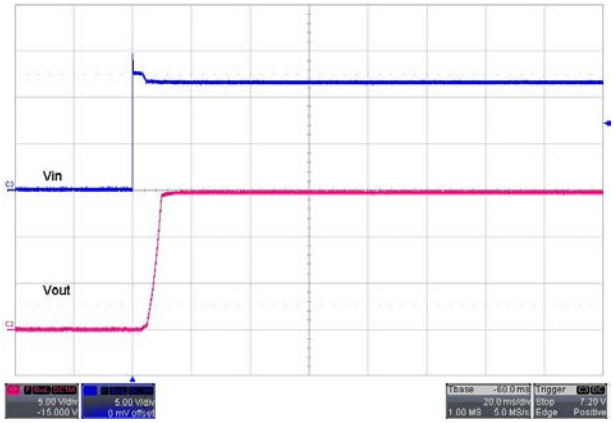
All test conditions are at 25℃.The figures are identical for PMM30-12S15



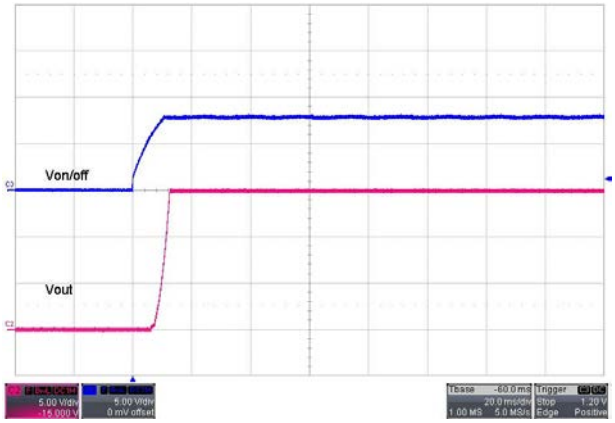
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

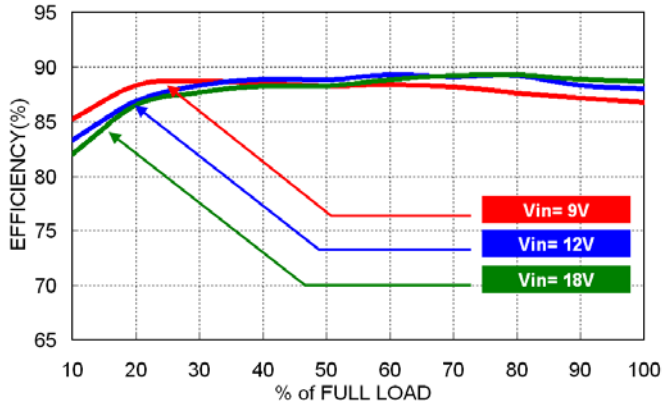


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

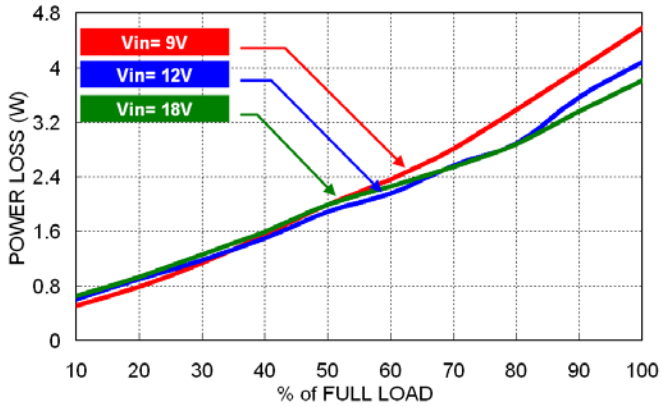


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

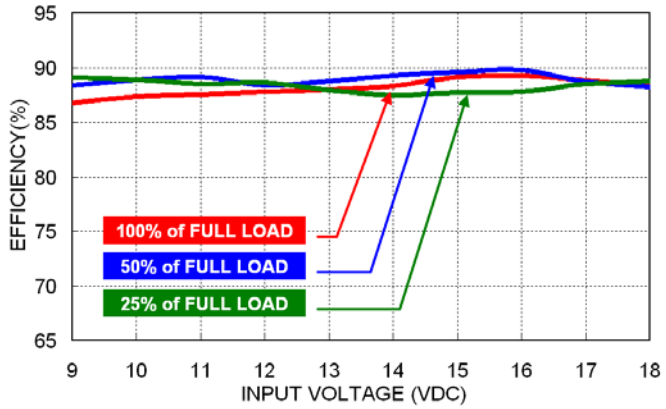
All test conditions are at 25℃.The figures are identical for PMM30-12S24



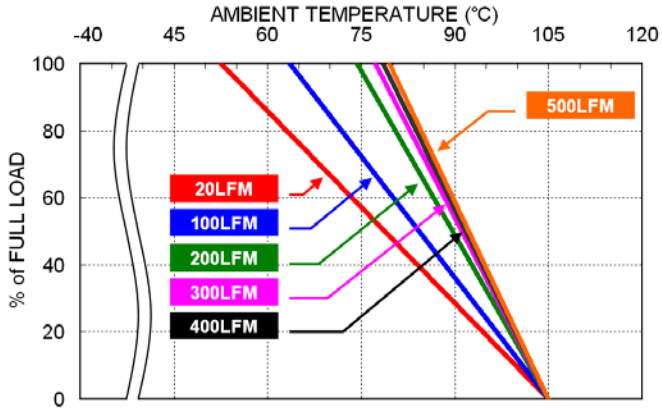
Efficiency Versus Output Load



Power Dissipation Versus Output Load

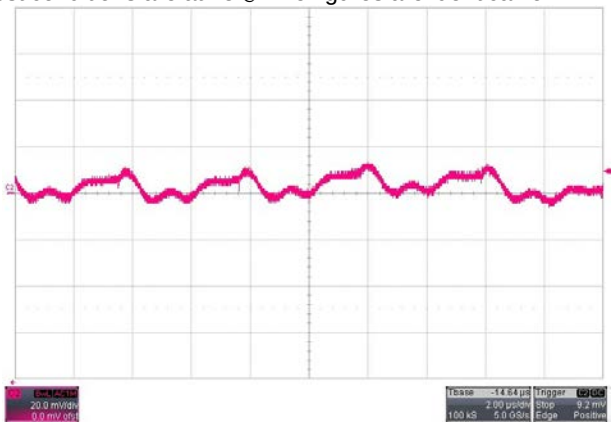


Efficiency Versus Input Voltage.

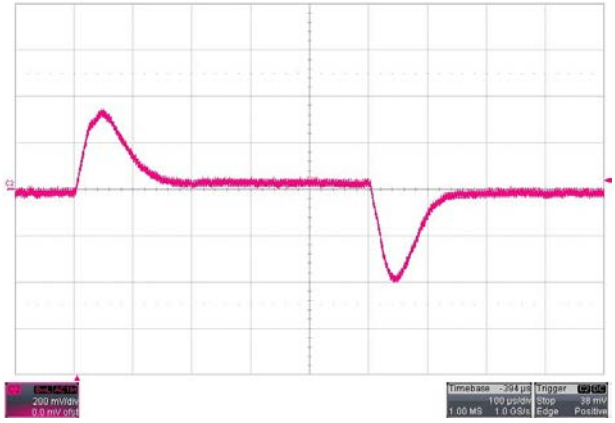


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

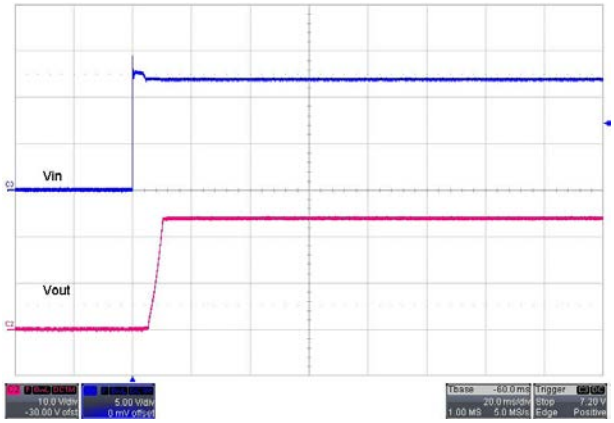
All test conditions are at 25℃.The figures are identical for PMM30-12S24



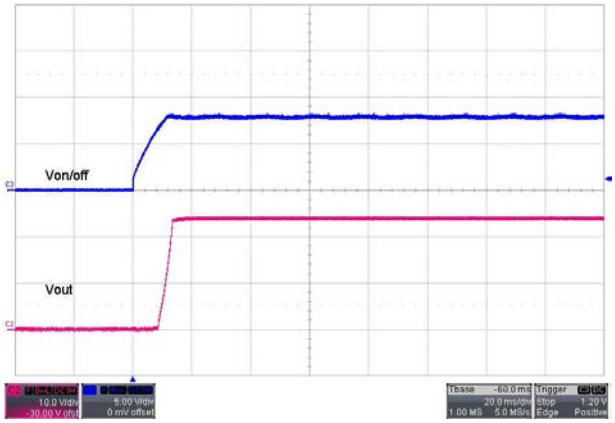
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

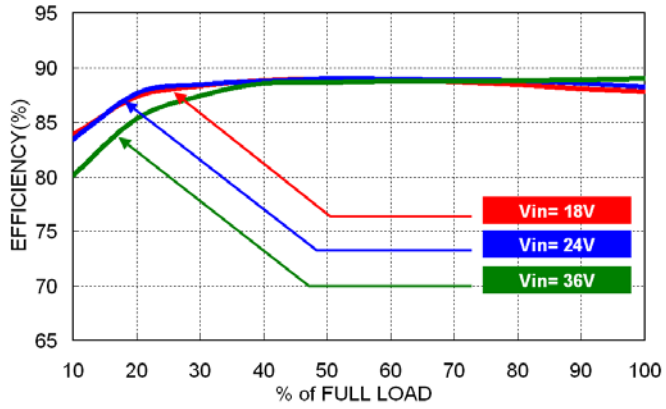


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

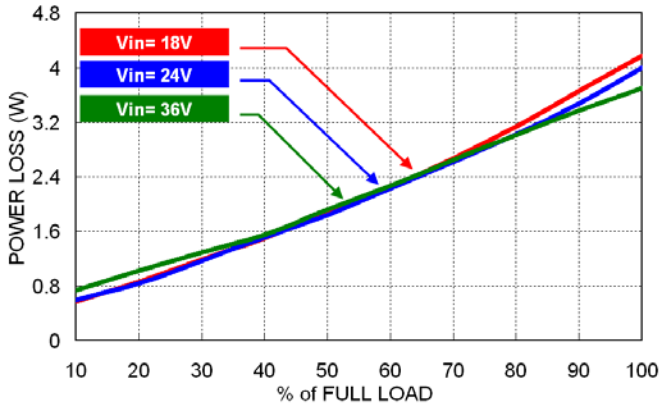


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

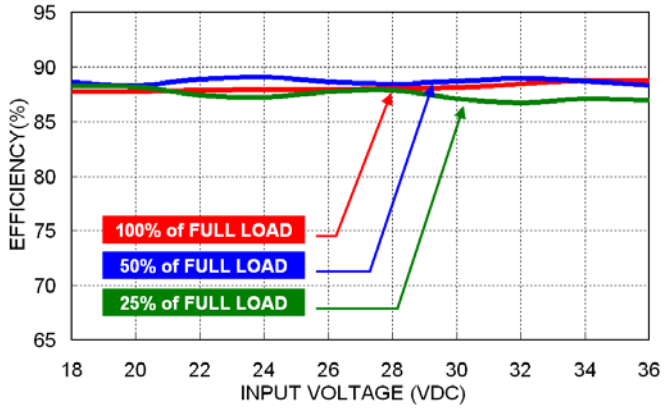
All test conditions are at 25℃.The figures are identical for PMM30-24S05



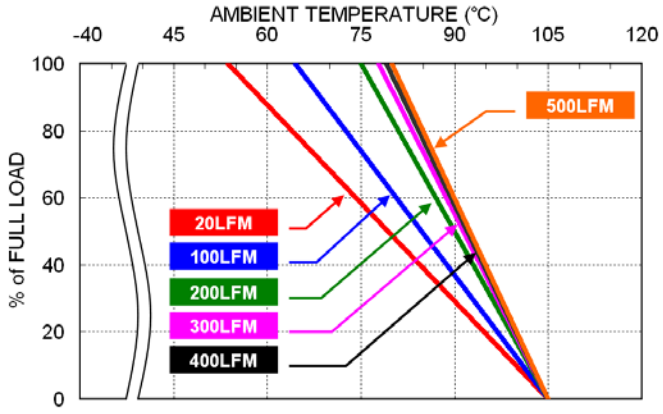
Efficiency Versus Output Load



Power Dissipation Versus Output Load

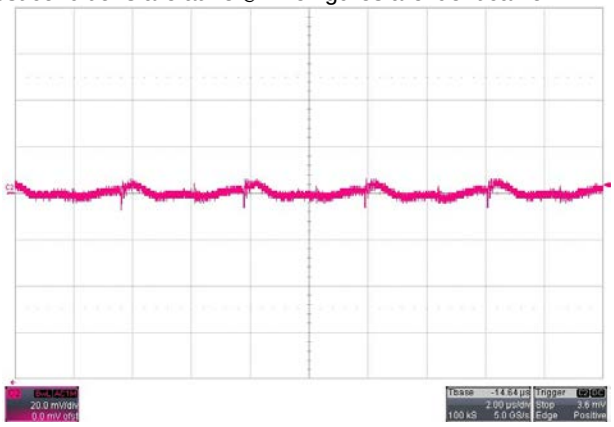


Efficiency Versus Input Voltage.

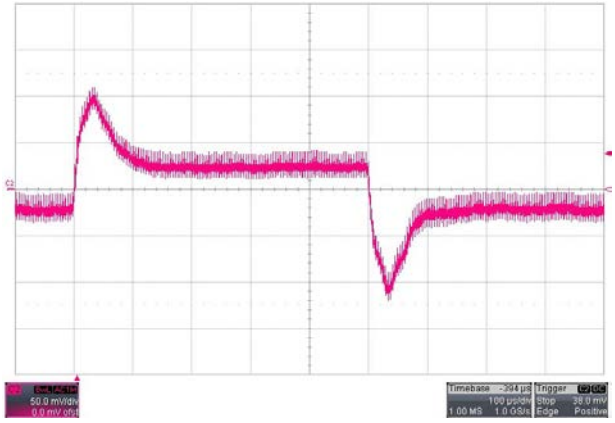


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

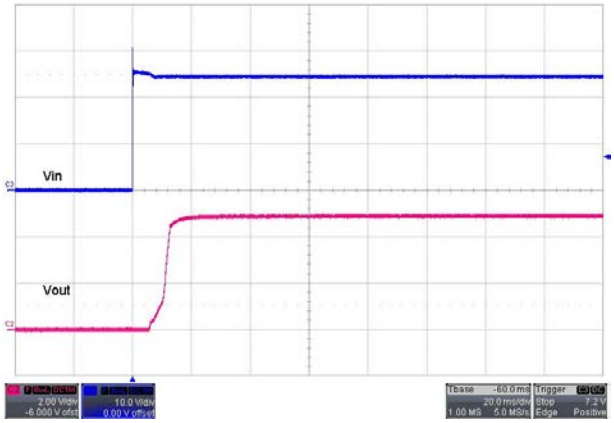
All test conditions are at 25℃.The figures are identical for PMM30-24S05



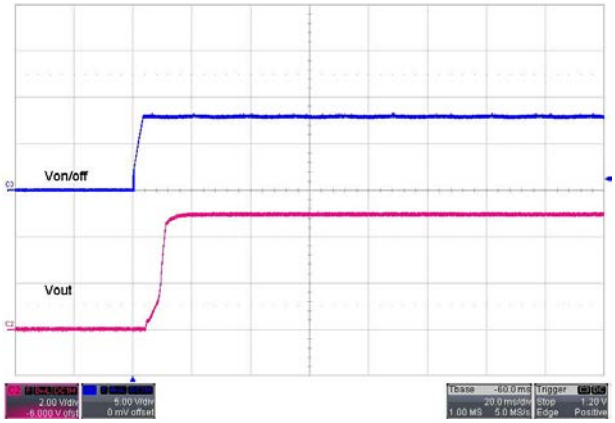
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

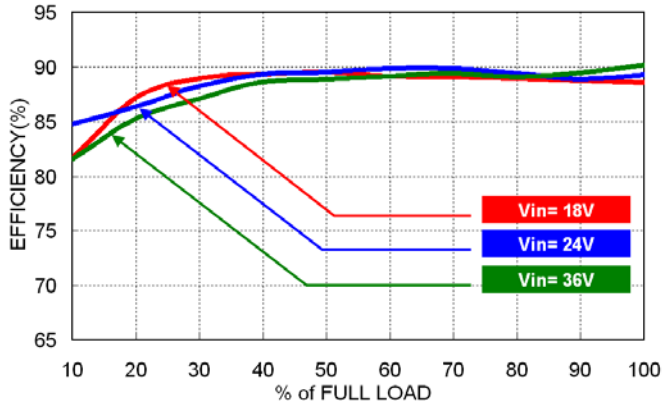


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

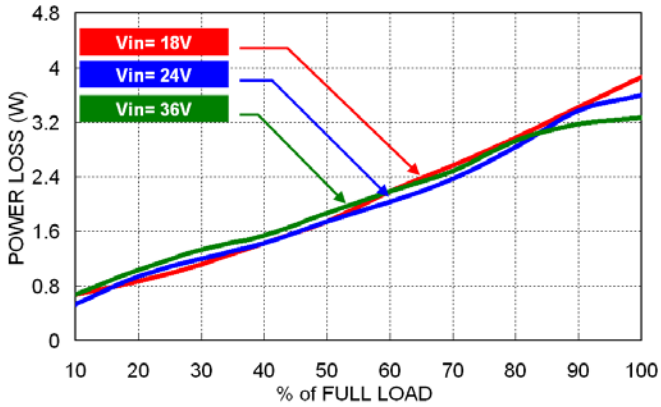


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

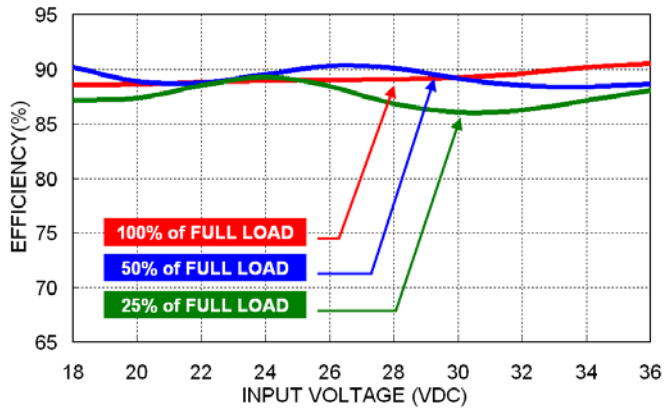
All test conditions are at 25℃.The figures are identical for PMM30-24S12



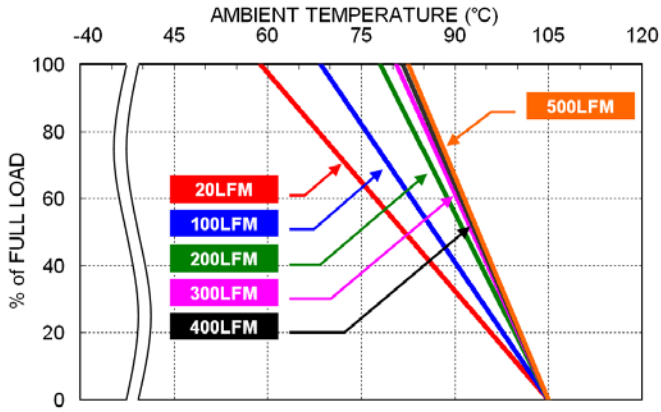
Efficiency Versus Output Load



Power Dissipation Versus Output Load

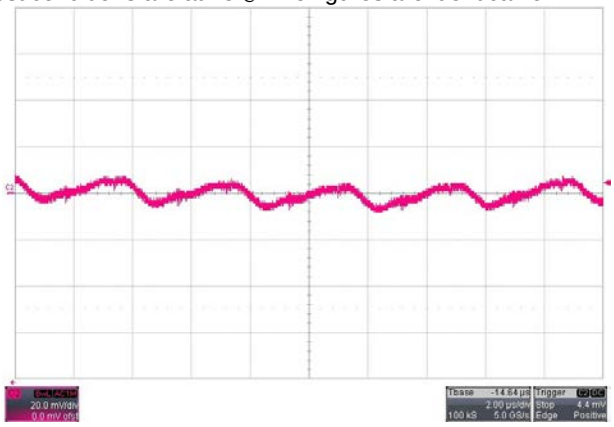


Efficiency Versus Input Voltage.

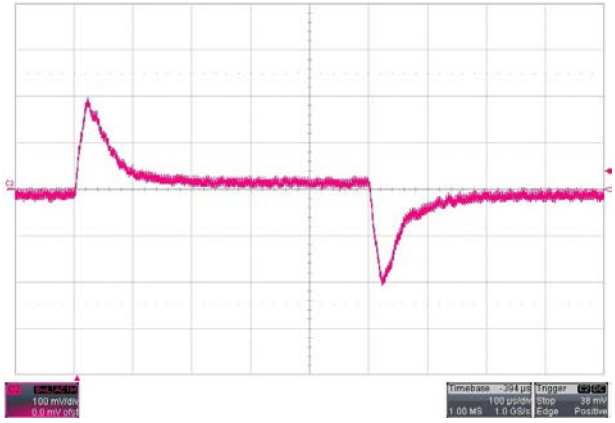


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

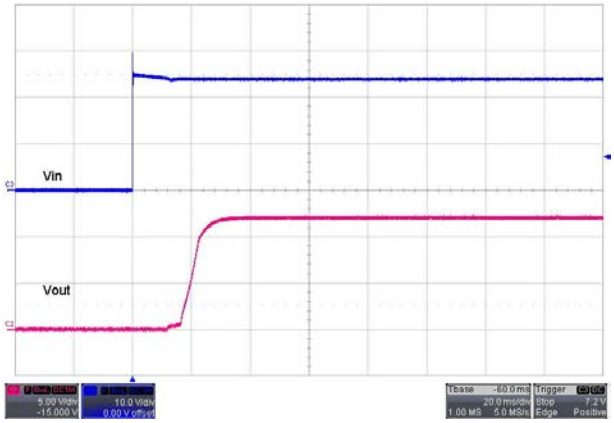
All test conditions are at 25℃.The figures are identical for PMM30-24S12



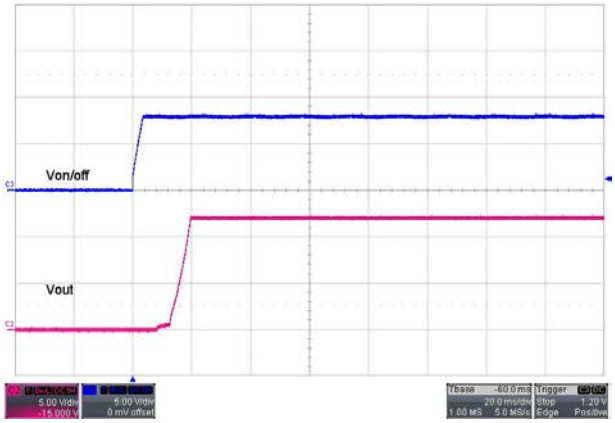
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

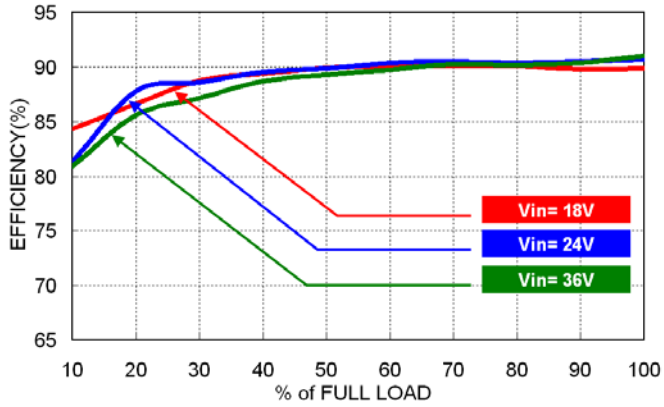


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

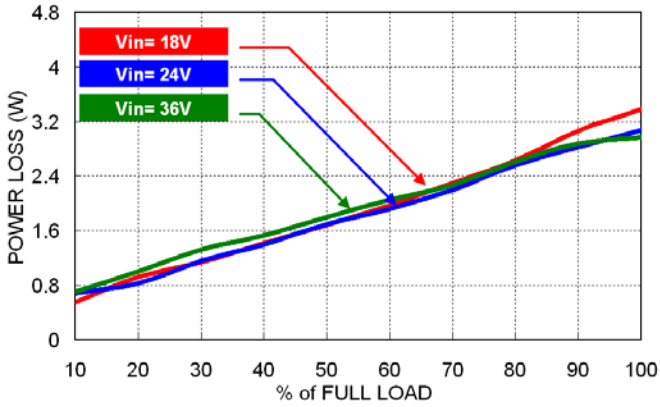


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

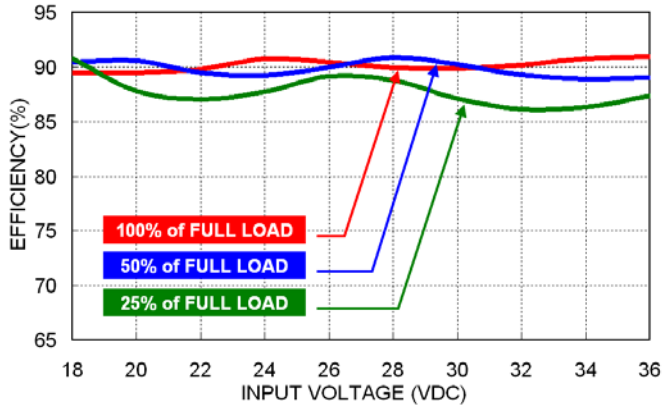
All test conditions are at 25℃.The figures are identical for PMM30-24S15



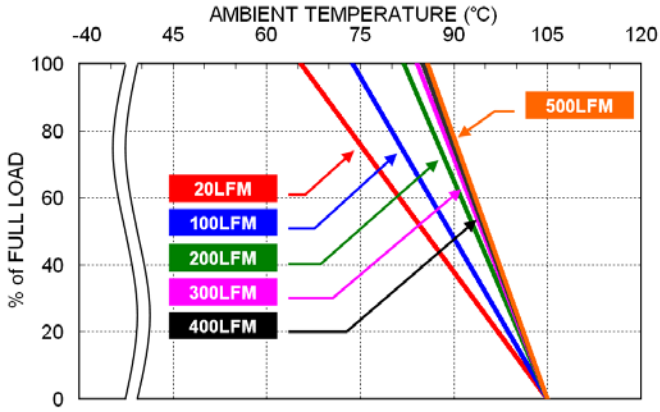
Efficiency Versus Output Load



Power Dissipation Versus Output Load

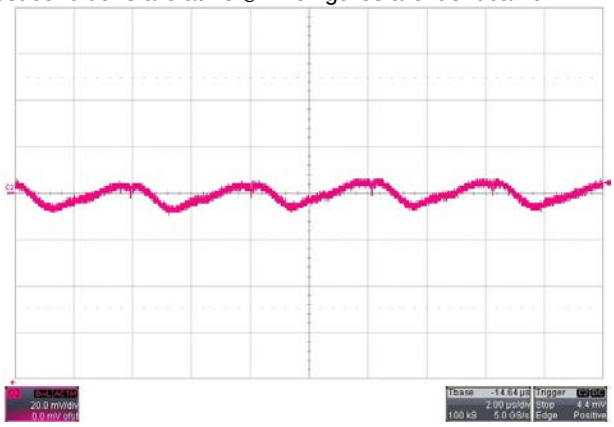


Efficiency Versus Input Voltage.

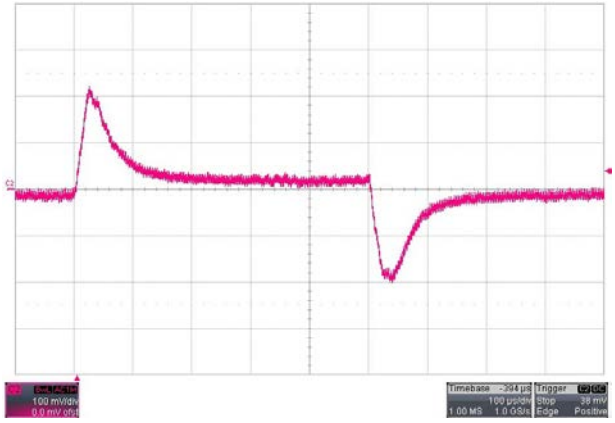


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

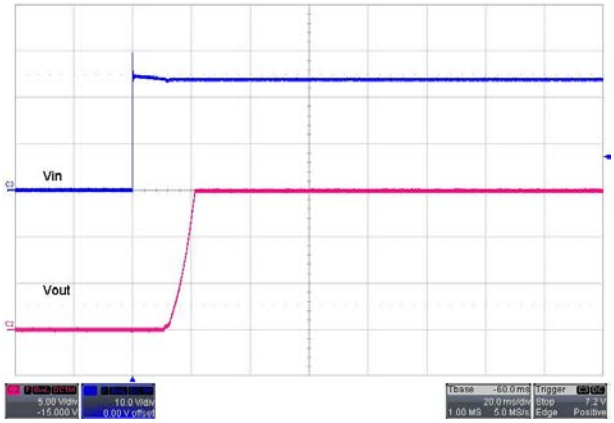
All test conditions are at 25℃.The figures are identical for PMM30-24S15



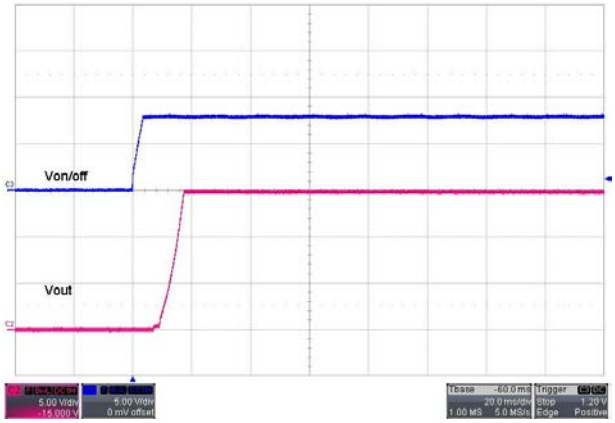
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

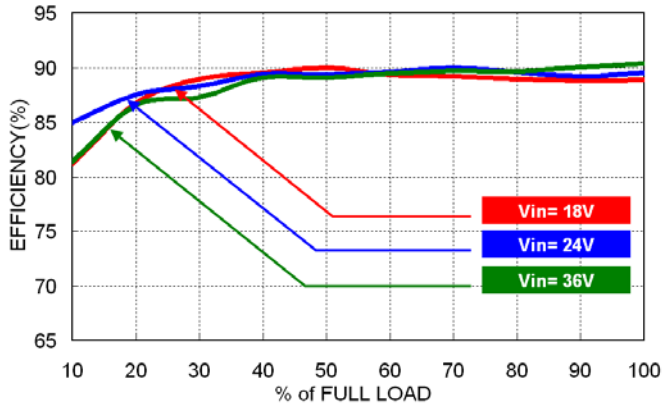


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

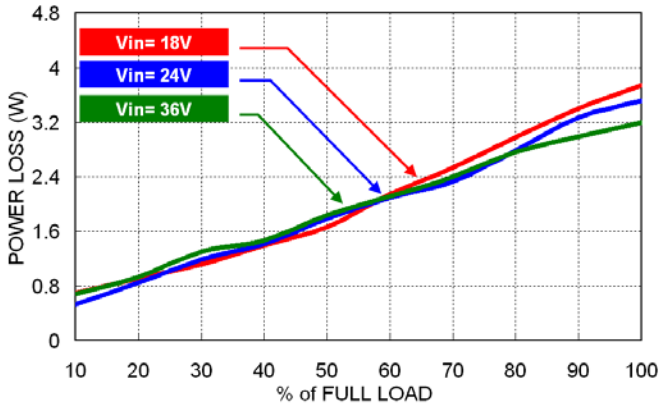


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

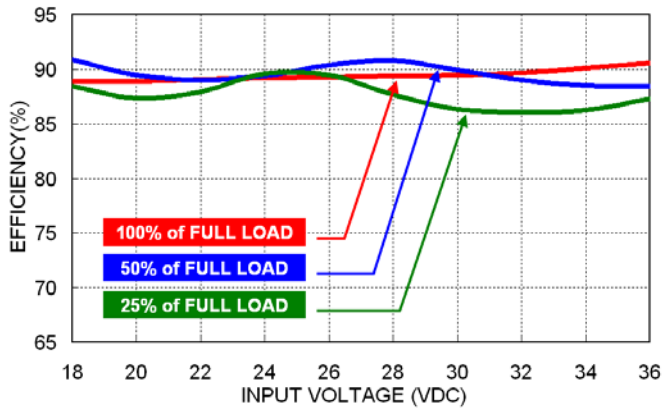
All test conditions are at 25℃.The figures are identical for PMM30-24S24



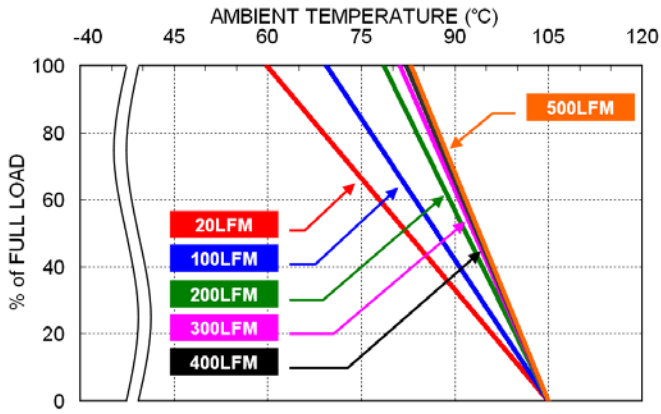
Efficiency Versus Output Load



Power Dissipation Versus Output Load



Efficiency Versus Input Voltage.

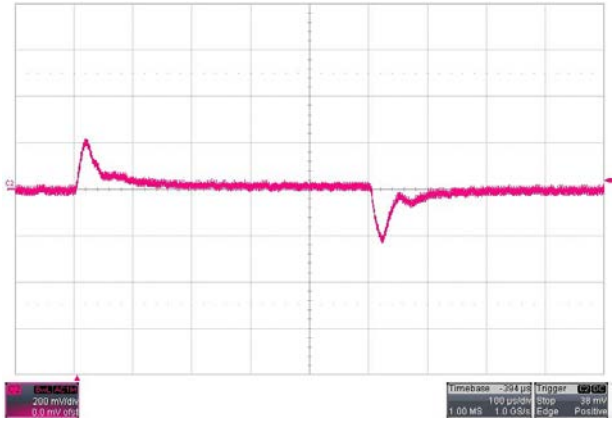


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

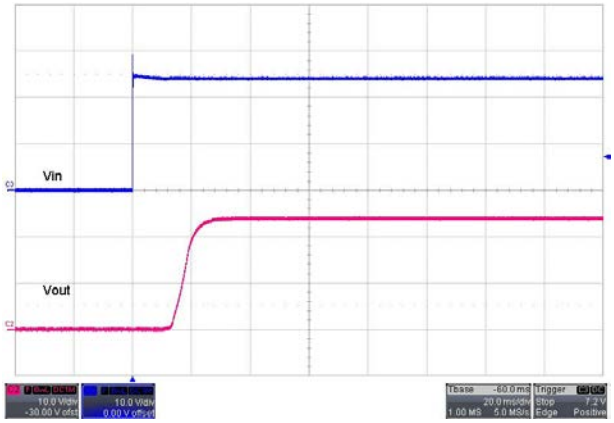
Characteristic Curves

All test conditions are at 25℃.The figures are identical for PMM30-24S24

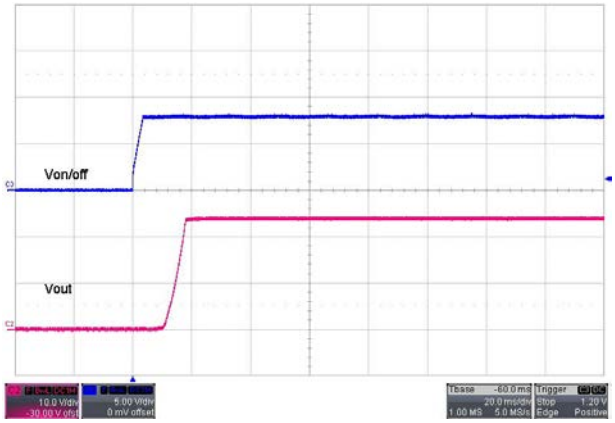
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

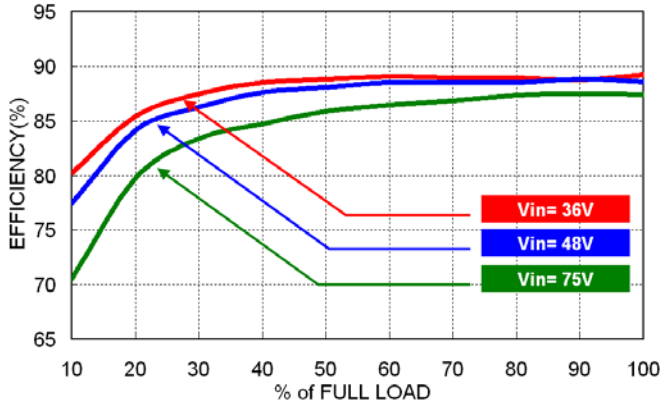


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

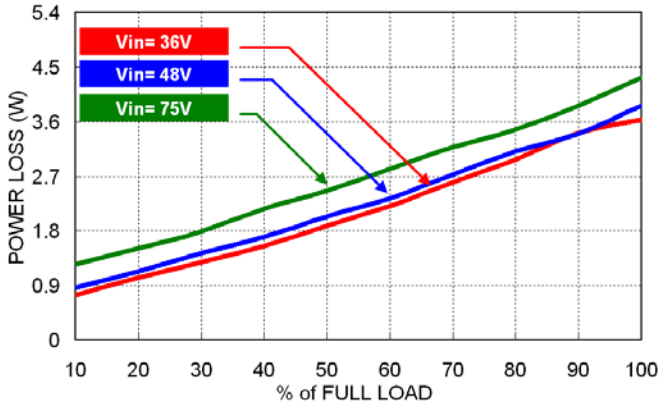


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

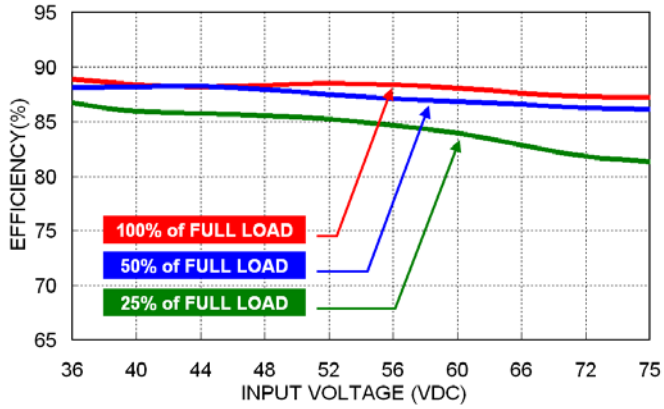
All test conditions are at 25℃.The figures are identical for PMM30-48S05



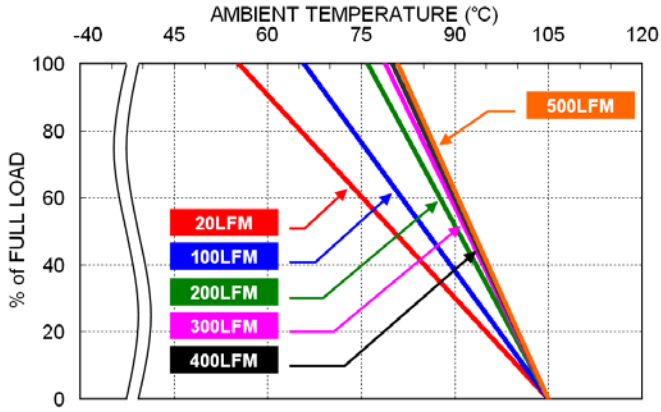
Efficiency Versus Output Load



Power Dissipation Versus Output Load

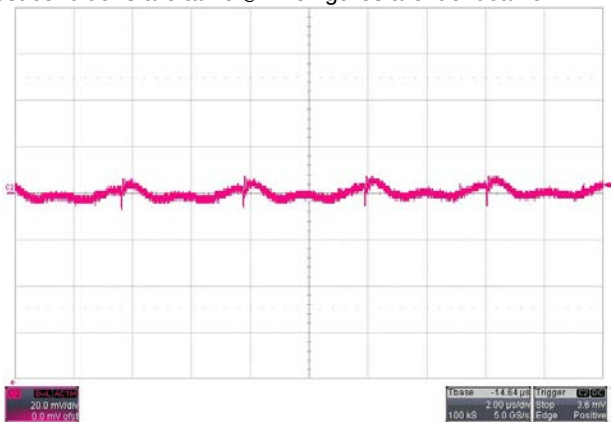


Efficiency Versus Input Voltage.

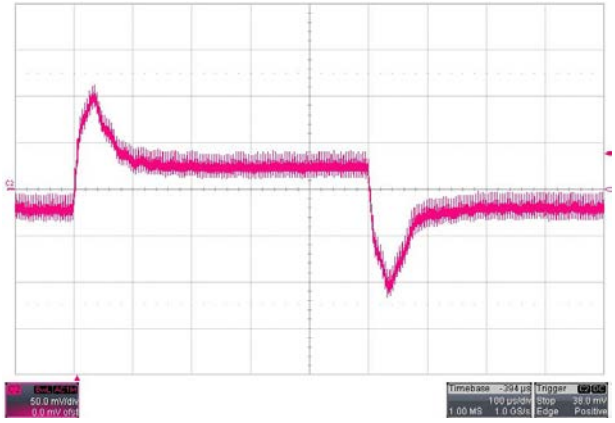


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

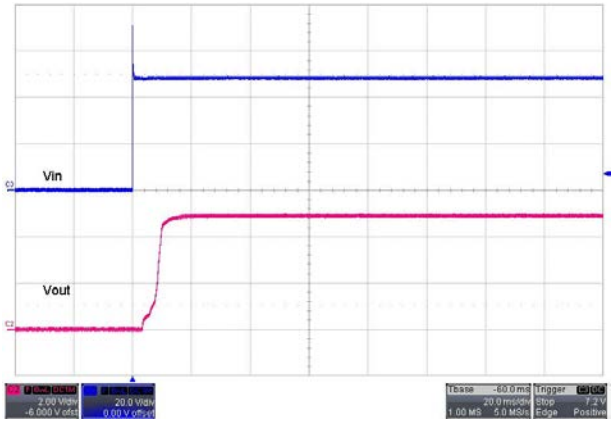
All test conditions are at 25℃.The figures are identical for PMM30-48S05



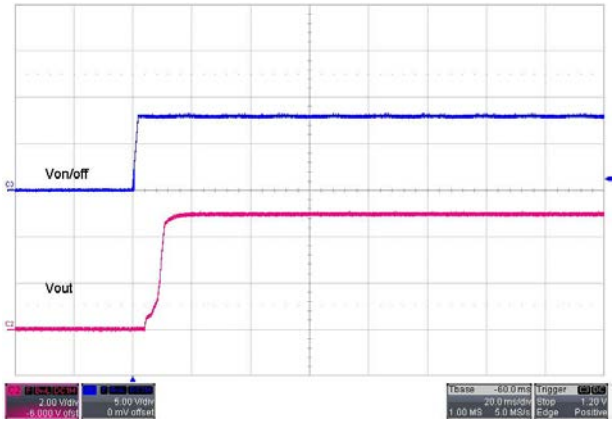
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

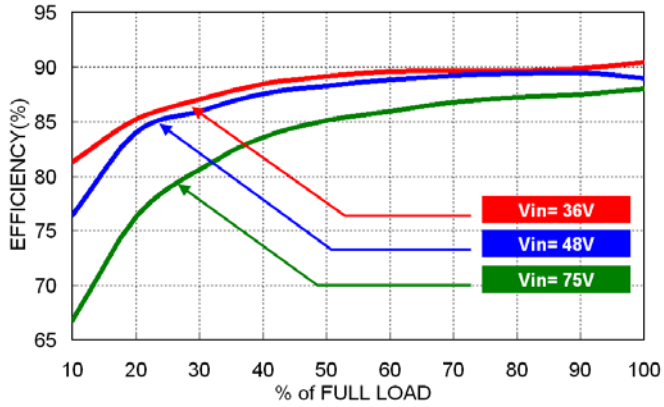


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

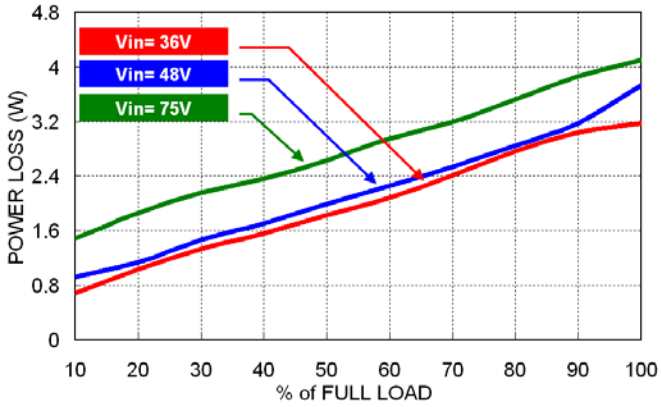


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

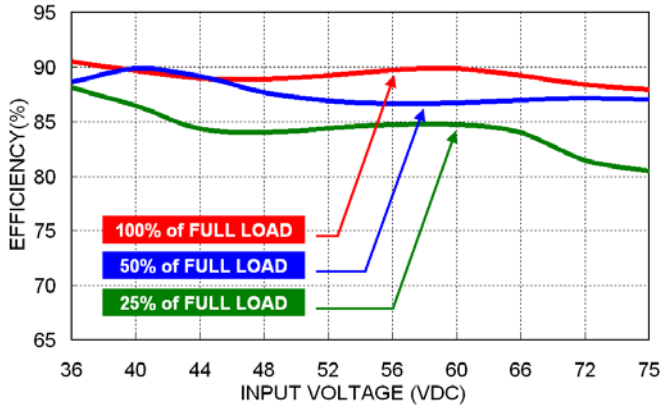
All test conditions are at 25℃.The figures are identical for PMM30-48S12



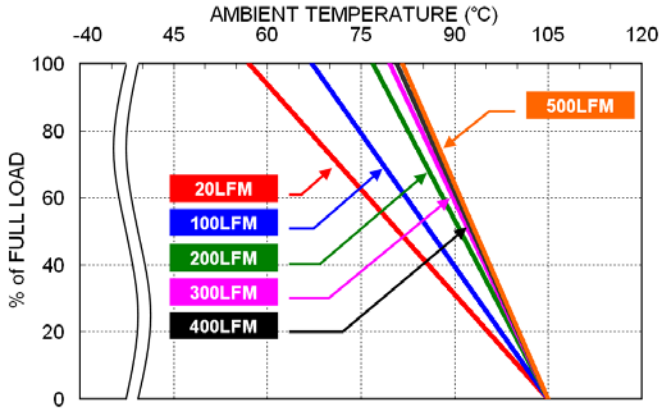
Efficiency Versus Output Load



Power Dissipation Versus Output Load



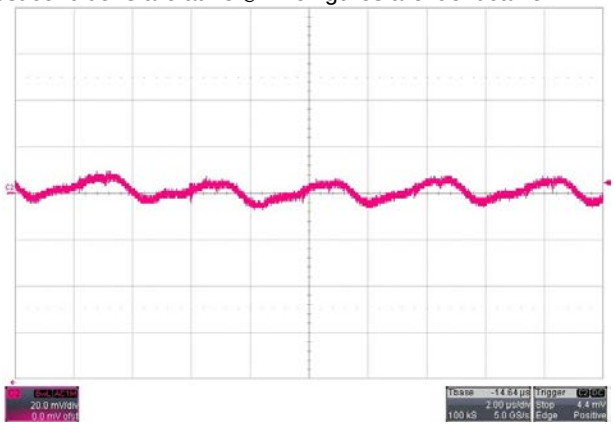
Efficiency Versus Input Voltage.



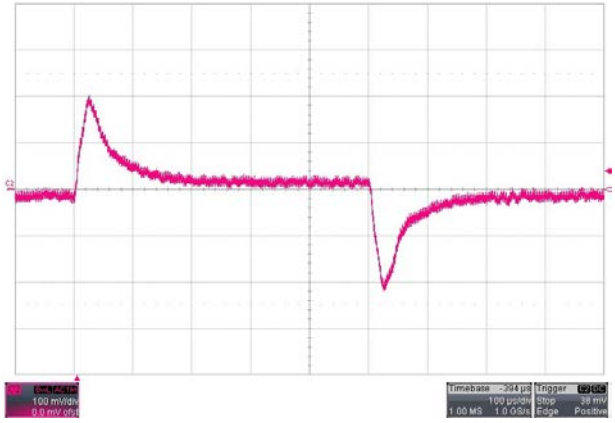
Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

Characteristic Curves

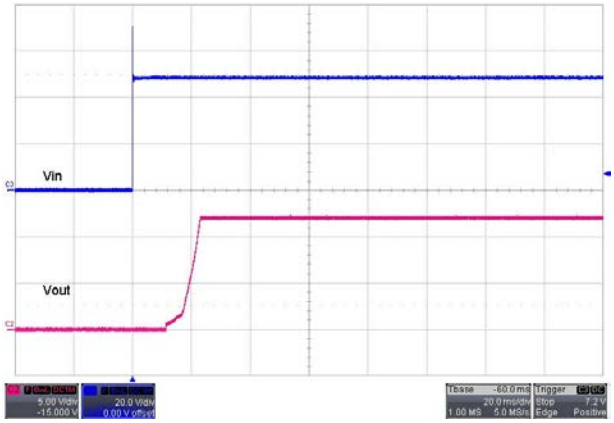
All test conditions are at 25℃.The figures are identical for PMM30-48S12



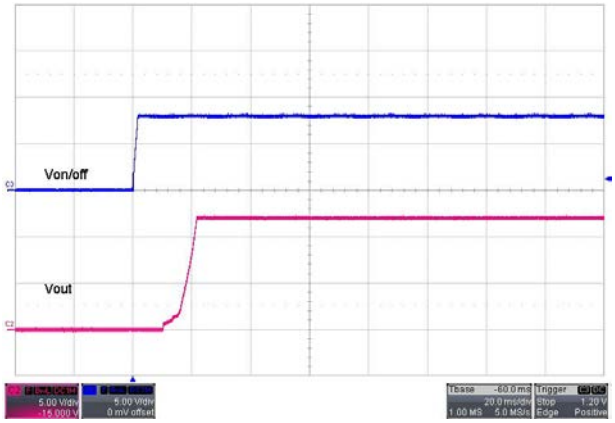
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

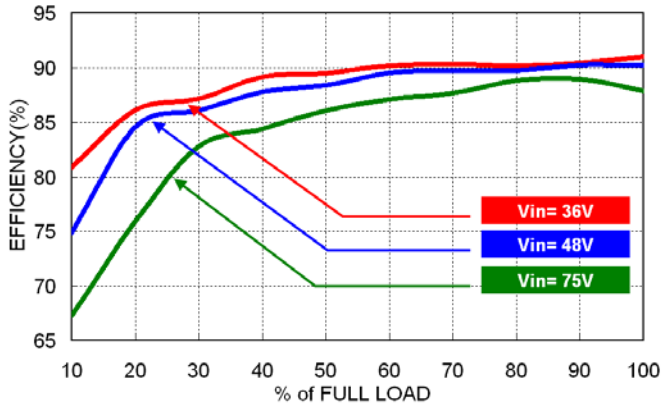


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

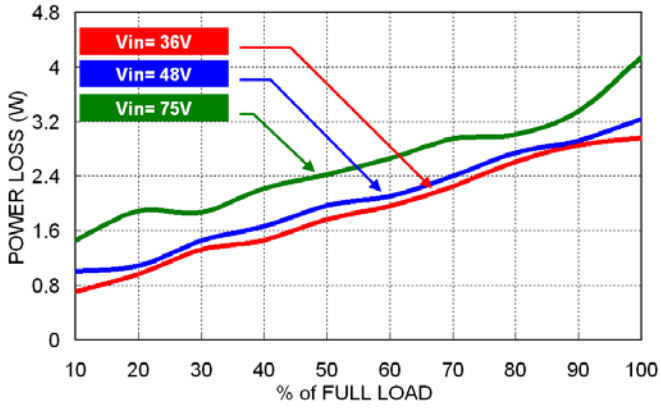


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

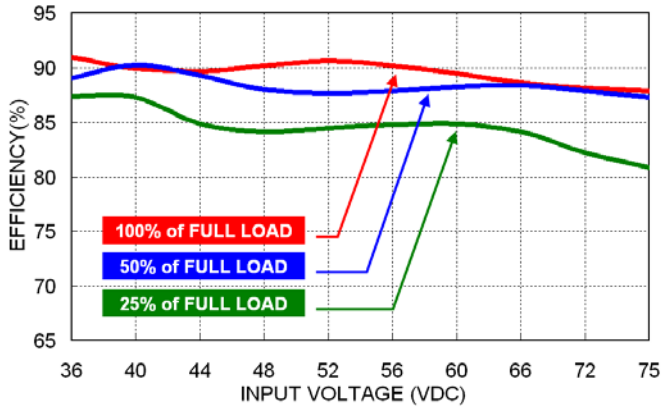
All test conditions are at 25℃.The figures are identical for PMM30-48S15



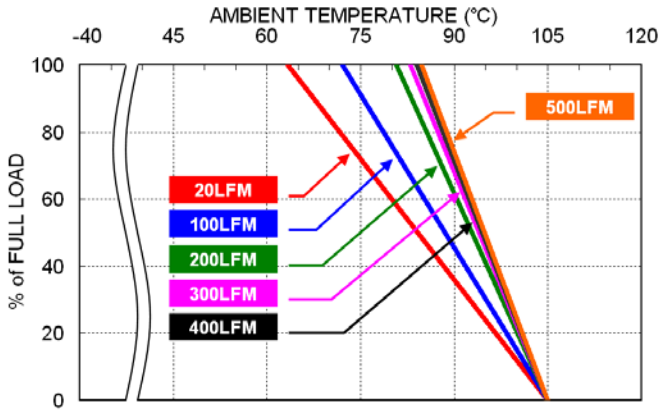
Efficiency Versus Output Load



Power Dissipation Versus Output Load

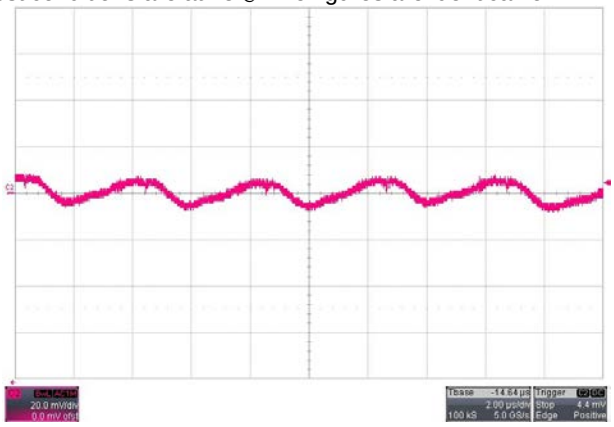


Efficiency Versus Input Voltage.

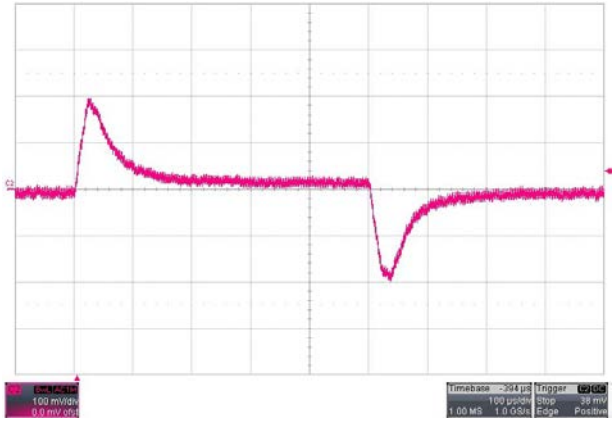


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

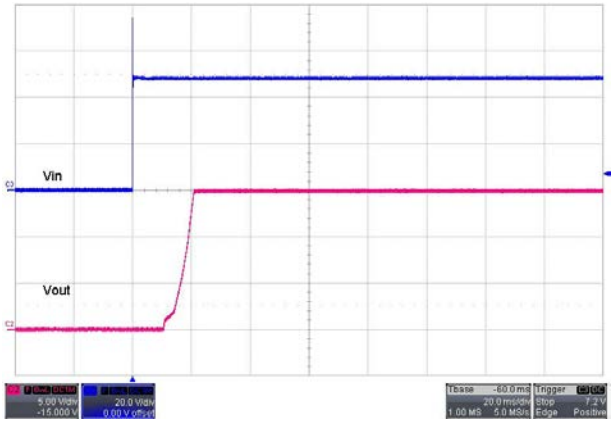
All test conditions are at 25℃.The figures are identical for PMM30-48S15



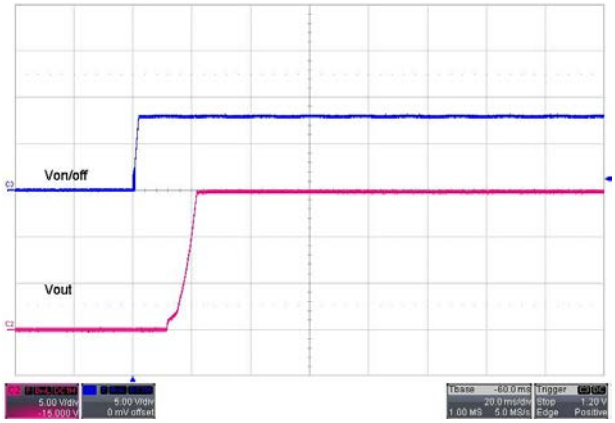
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

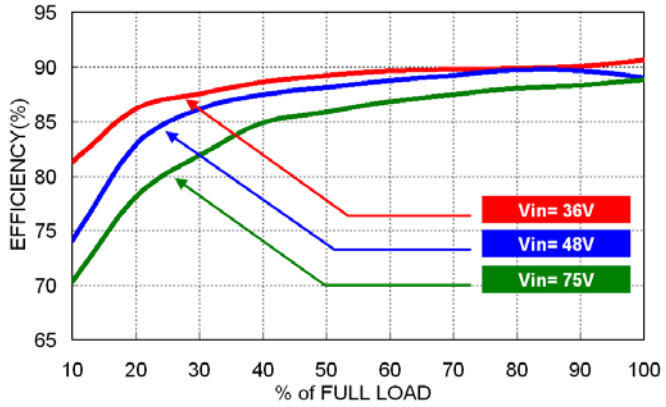


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

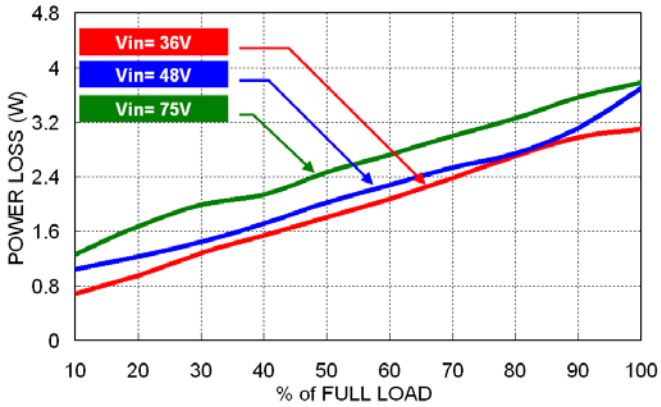


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

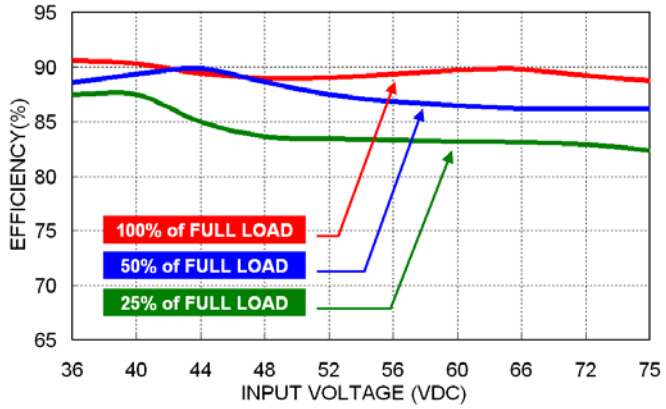
All test conditions are at 25℃.The figures are identical for PMM30-48S24



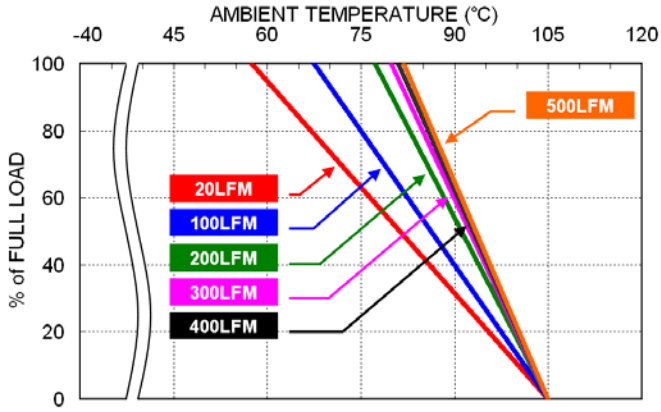
Efficiency Versus Output Load



Power Dissipation Versus Output Load



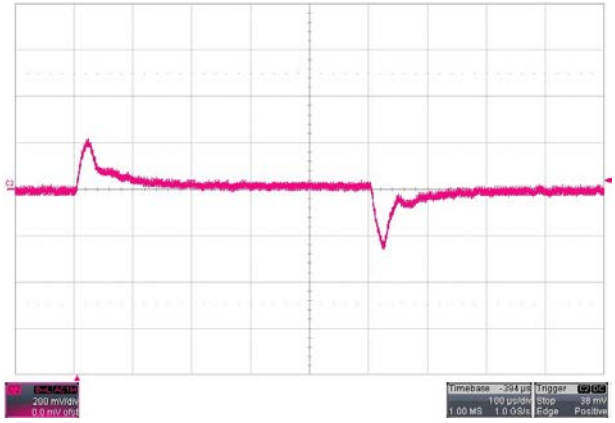
Efficiency Versus Input Voltage.



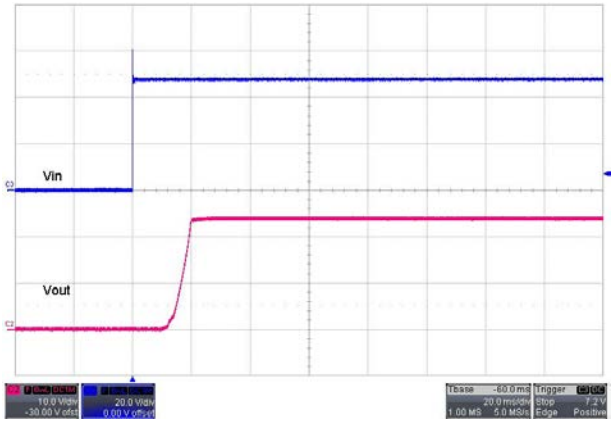
Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

All test conditions are at 25℃.The figures are identical for PMM30-48S24

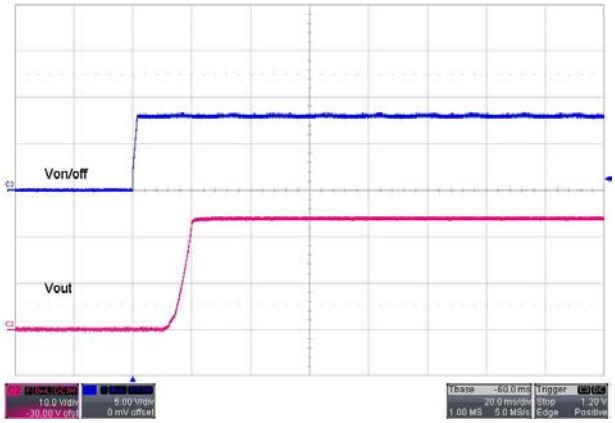
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

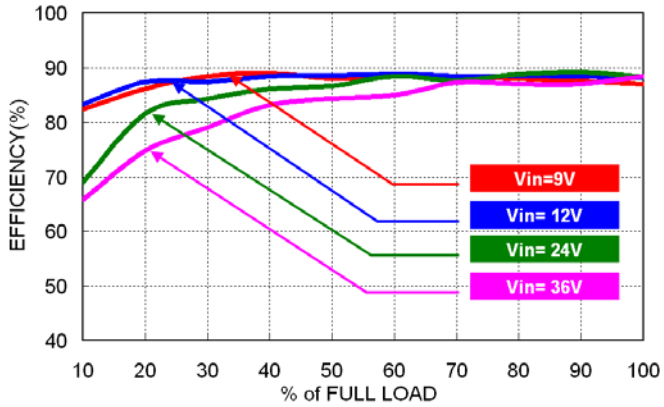


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

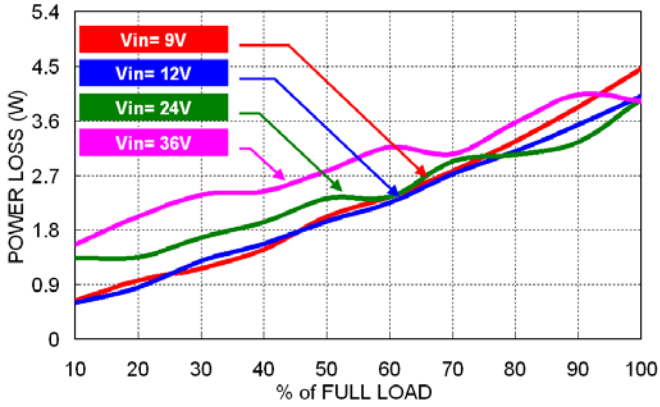


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

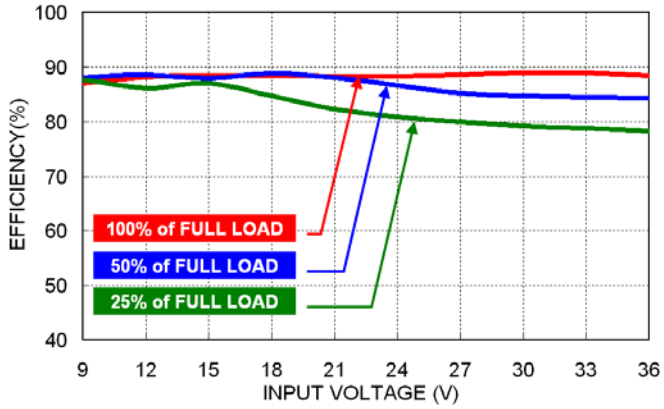
All test conditions are at 25℃.The figures are identical for PMM30-24S05W



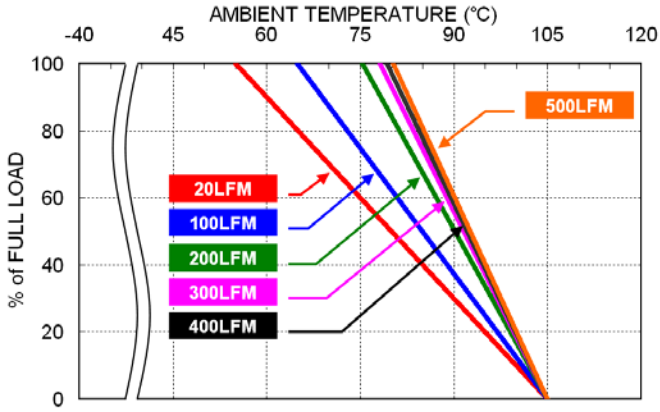
Efficiency Versus Output Load



Power Dissipation Versus Output Load

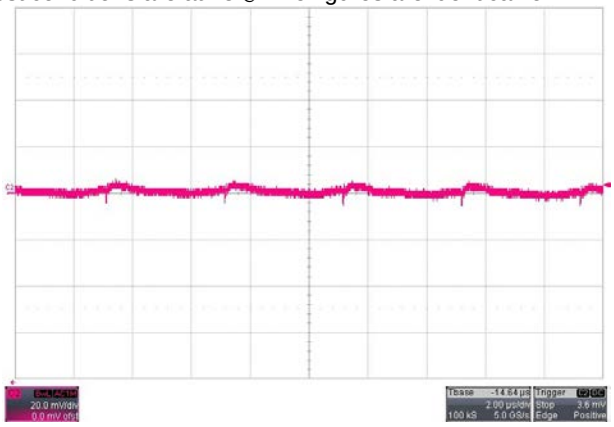


Efficiency Versus Input Voltage.

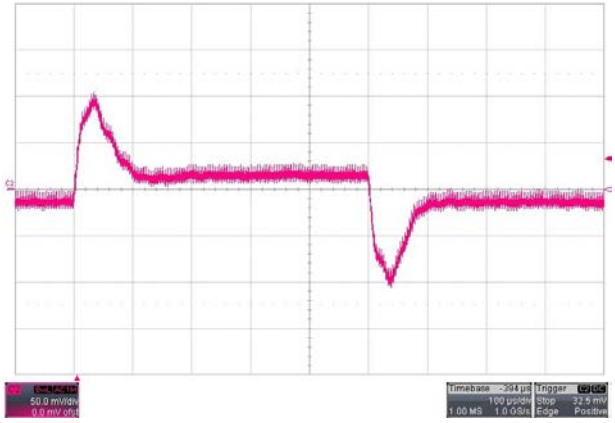


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

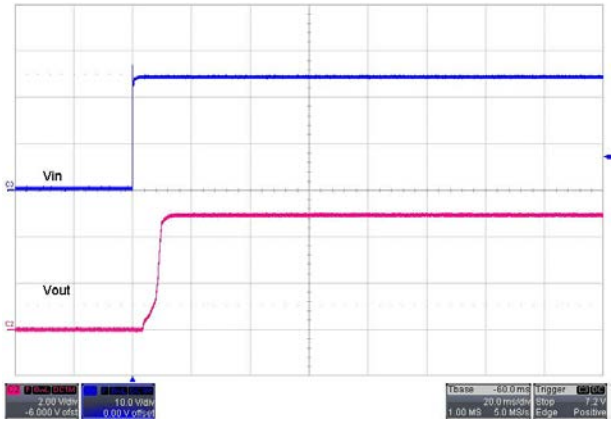
All test conditions are at 25℃.The figures are identical for PMM30-24S05W



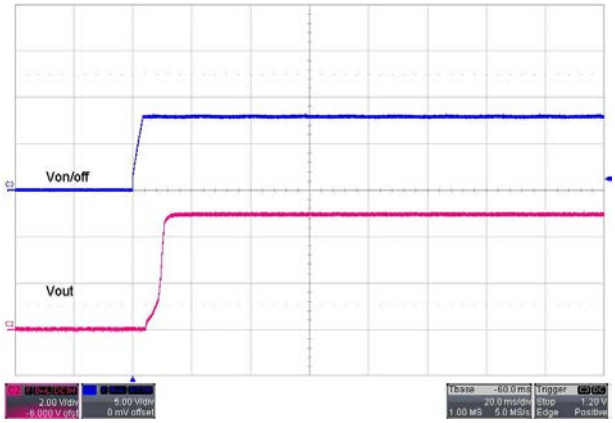
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

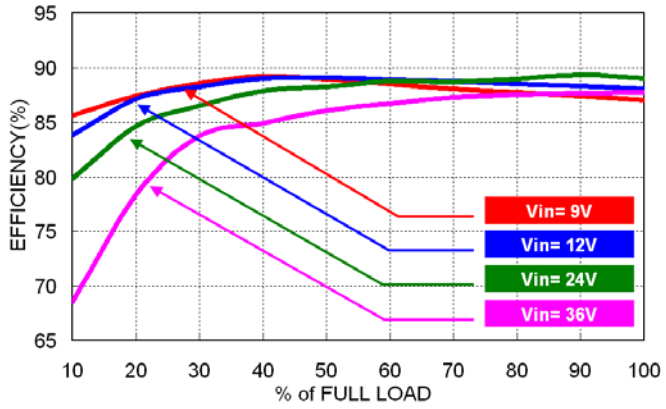


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

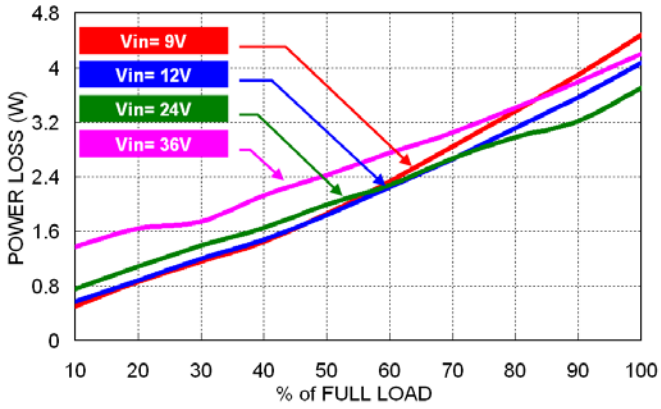


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

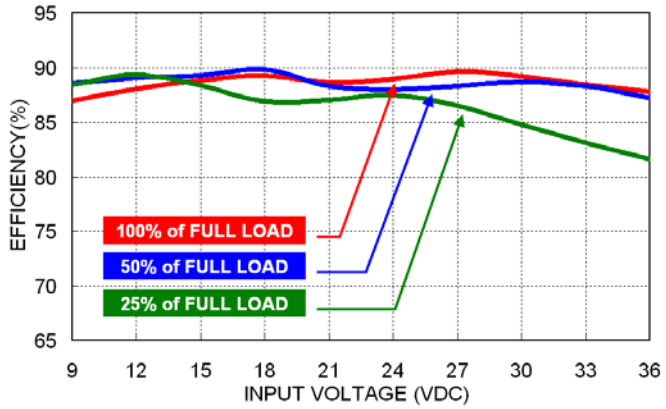
All test conditions are at 25℃.The figures are identical for PMM30-24S12W



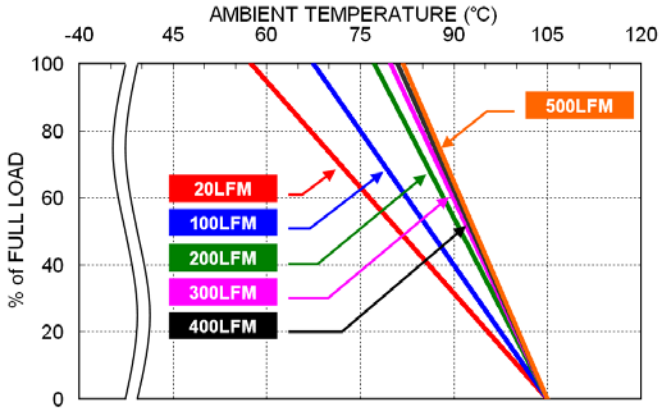
Efficiency Versus Output Load



Power Dissipation Versus Output Load

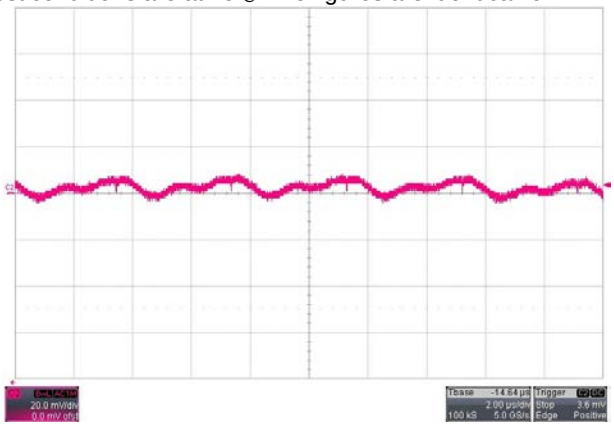


Efficiency Versus Input Voltage.

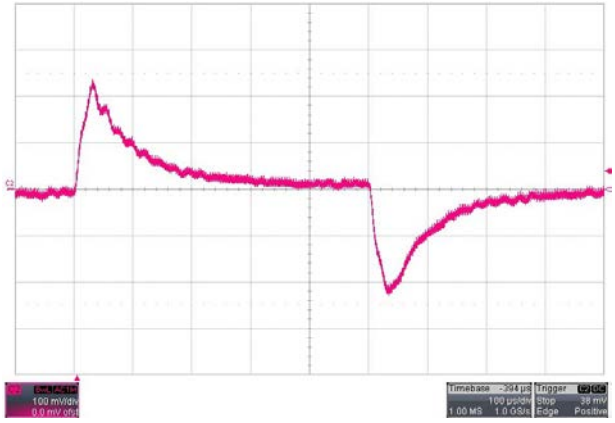


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

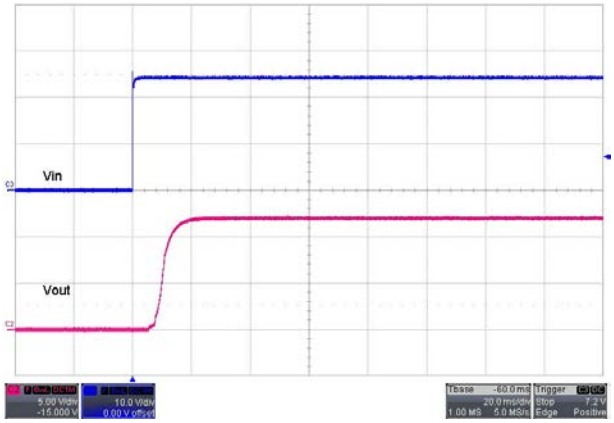
All test conditions are at 25℃.The figures are identical for PMM30-24S12W



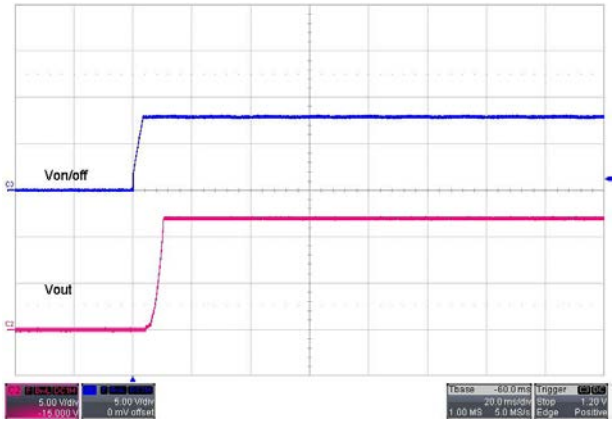
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

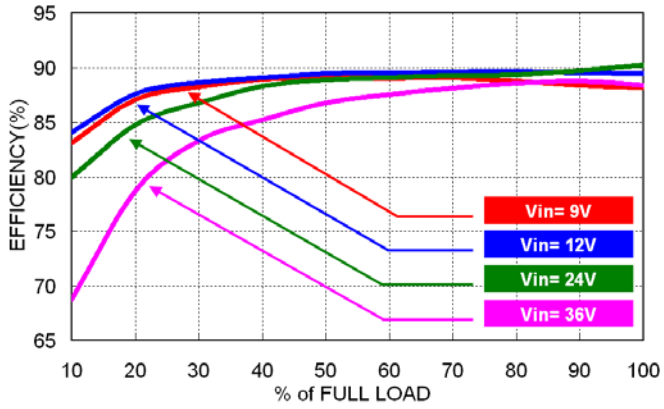


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

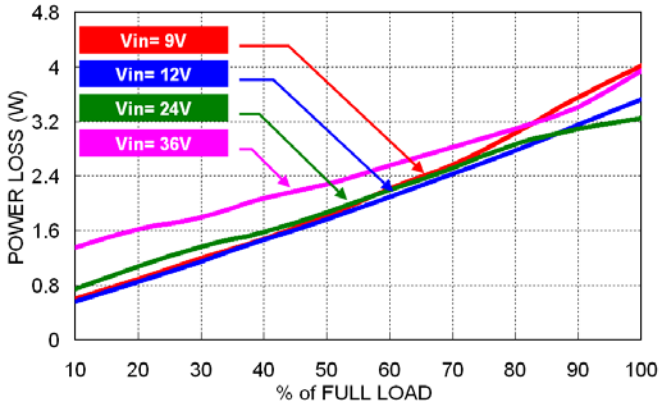


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

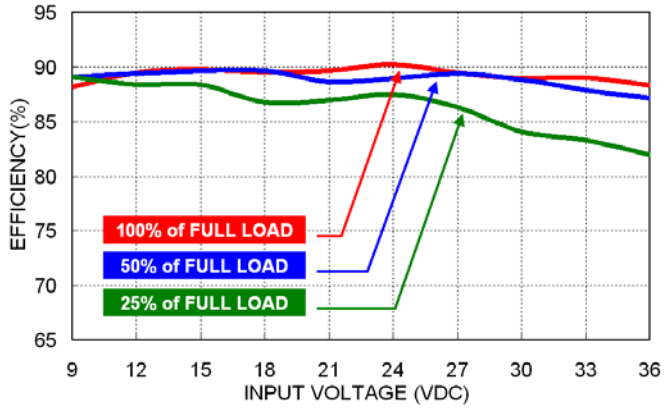
All test conditions are at 25℃.The figures are identical for PMM30-24S15W



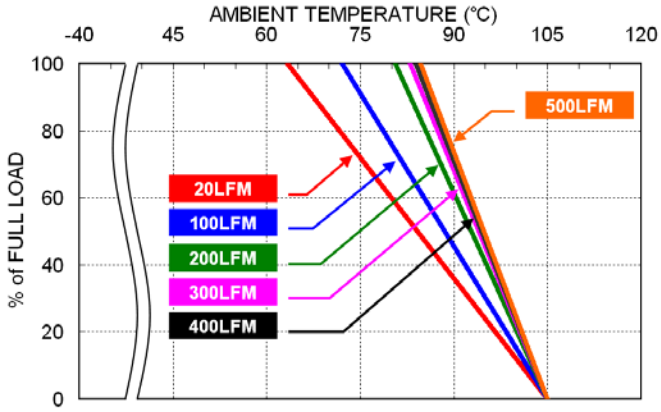
Efficiency Versus Output Load



Power Dissipation Versus Output Load

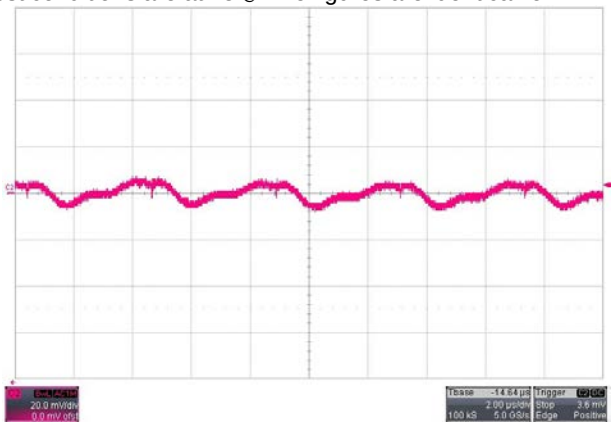


Efficiency Versus Input Voltage.

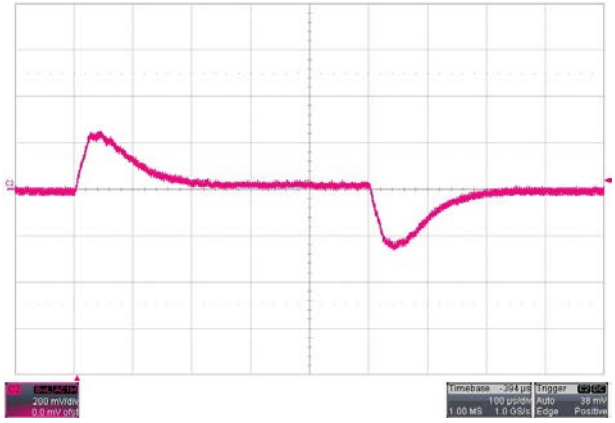


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

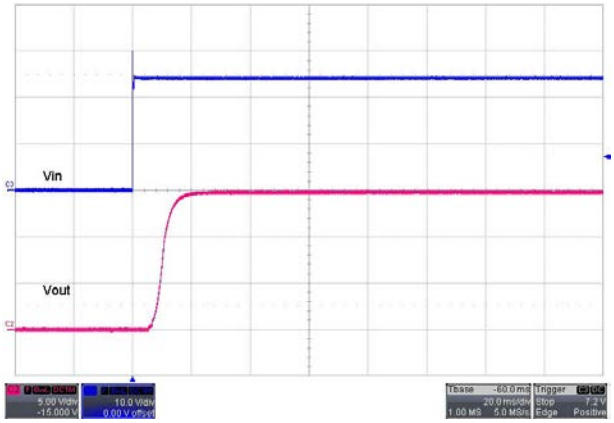
All test conditions are at 25℃.The figures are identical for PMM30-24S15W



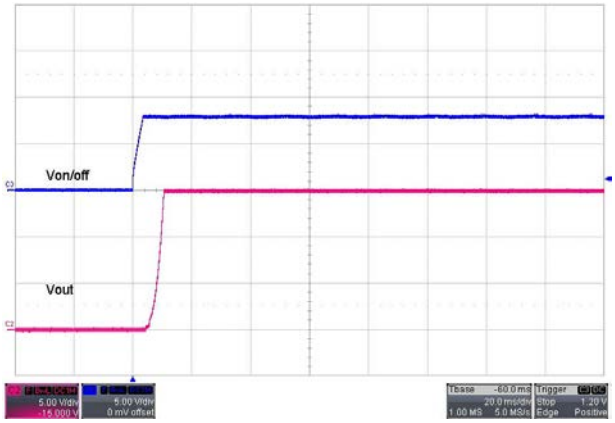
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

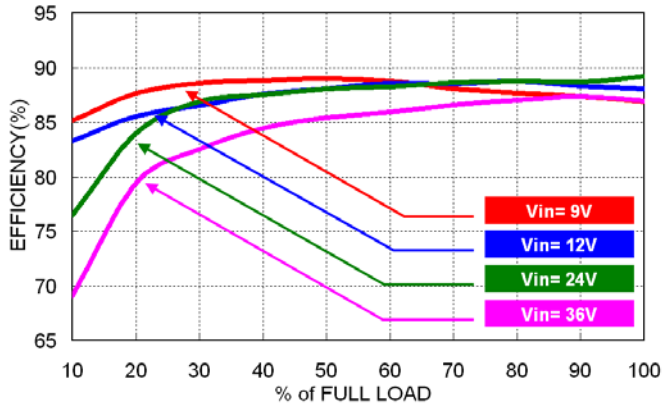


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

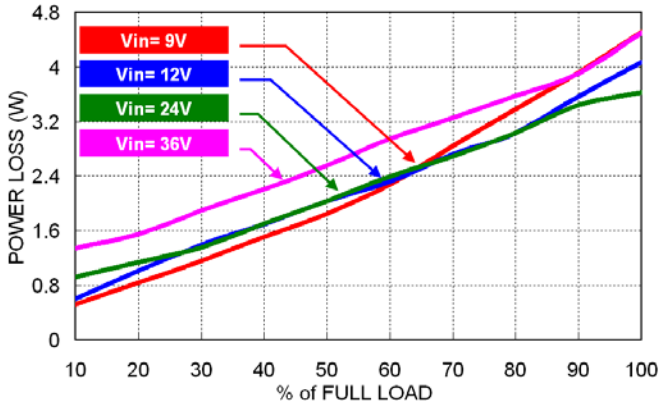


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

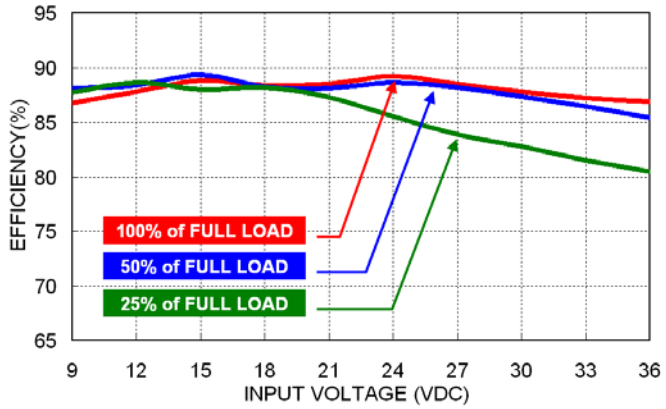
All test conditions are at 25℃.The figures are identical for PMM30-24S24W



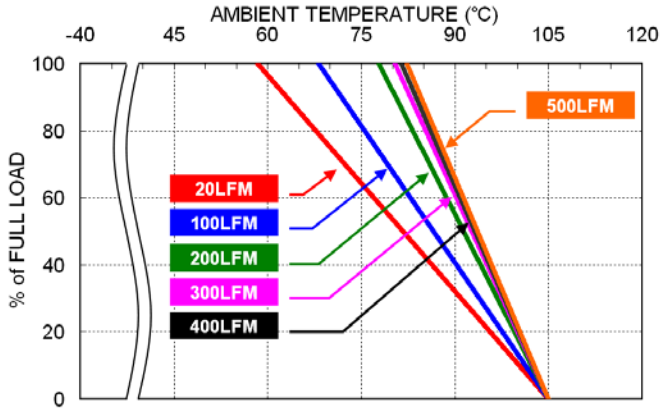
Efficiency Versus Output Load



Power Dissipation Versus Output Load

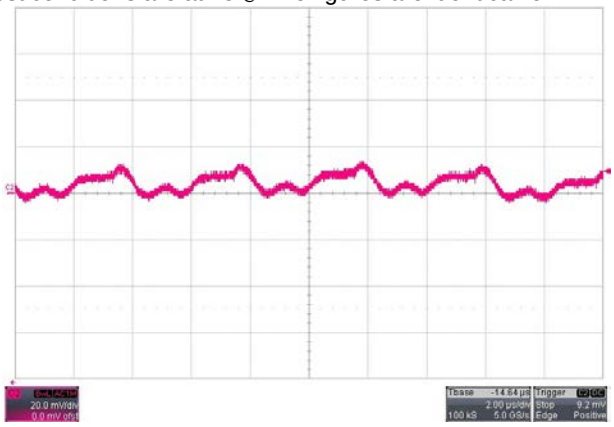


Efficiency Versus Input Voltage.

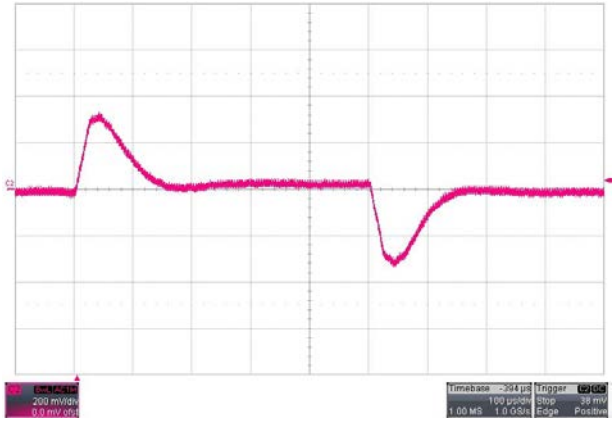


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

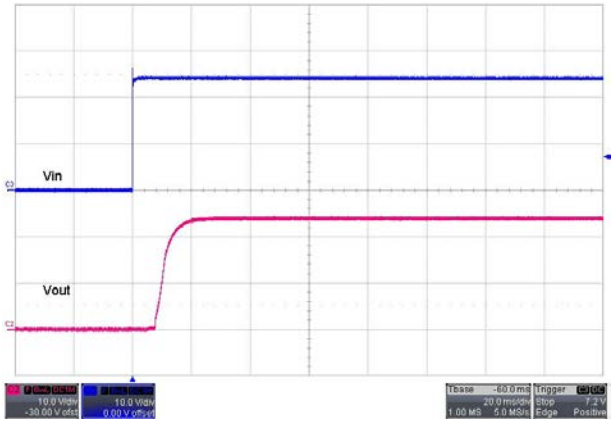
All test conditions are at 25℃.The figures are identical for PMM30-24S24W



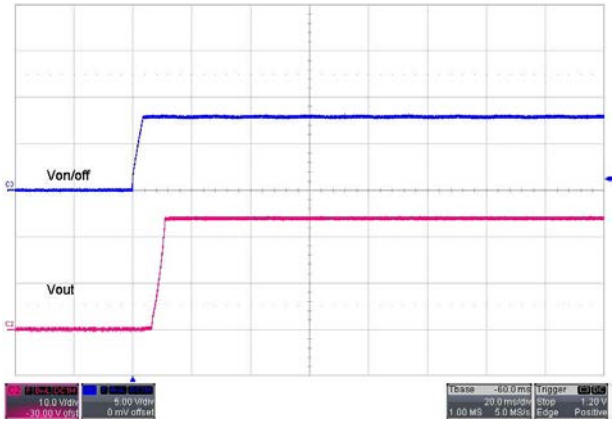
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

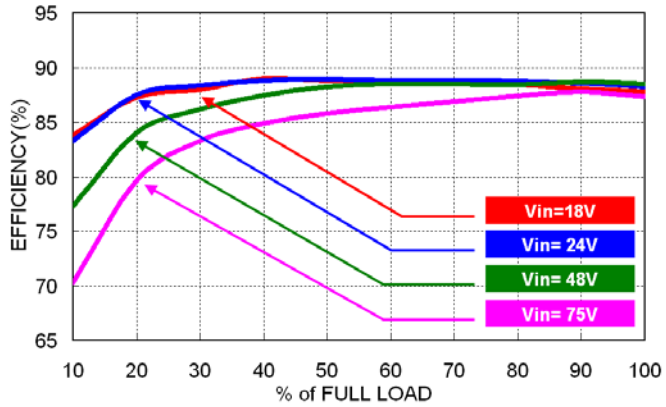


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

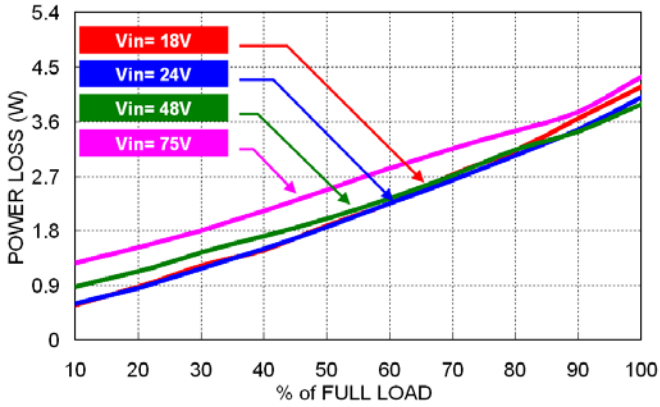


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

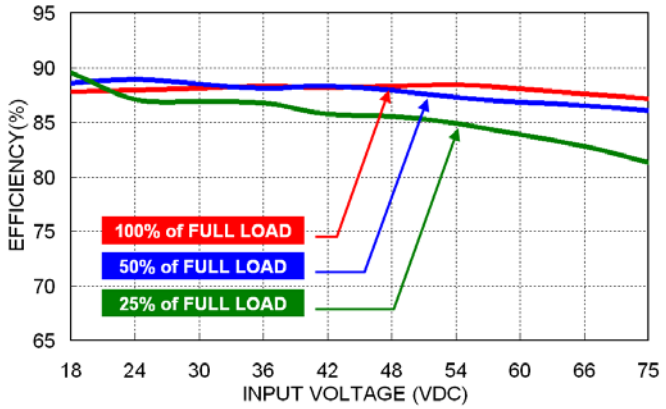
All test conditions are at 25℃.The figures are identical for PMM30-48S05W



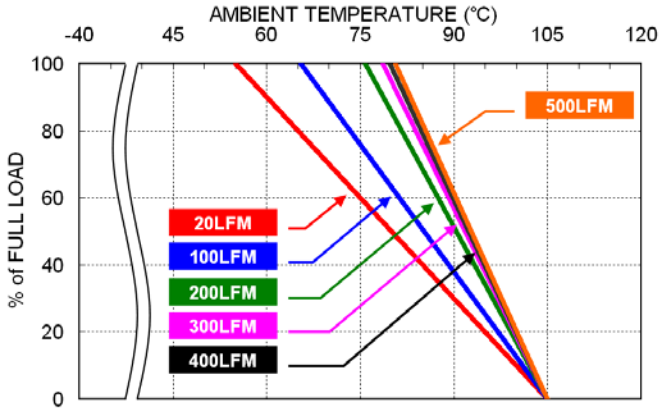
Efficiency Versus Output Load



Power Dissipation Versus Output Load

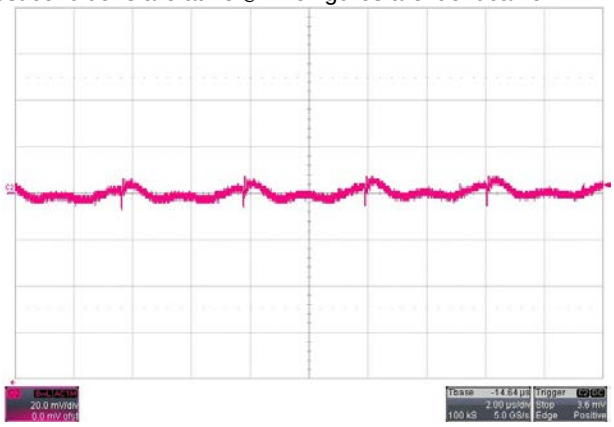


Efficiency Versus Input Voltage.

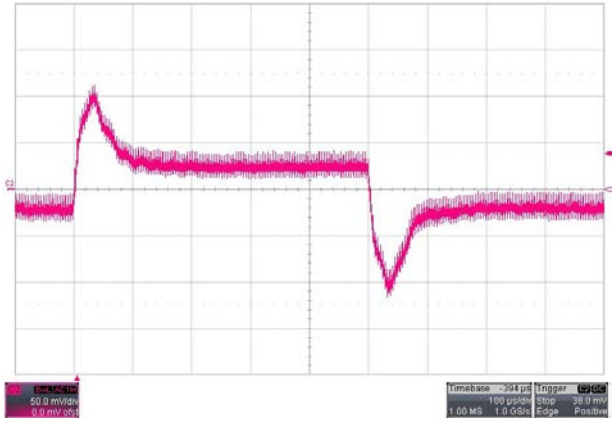


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

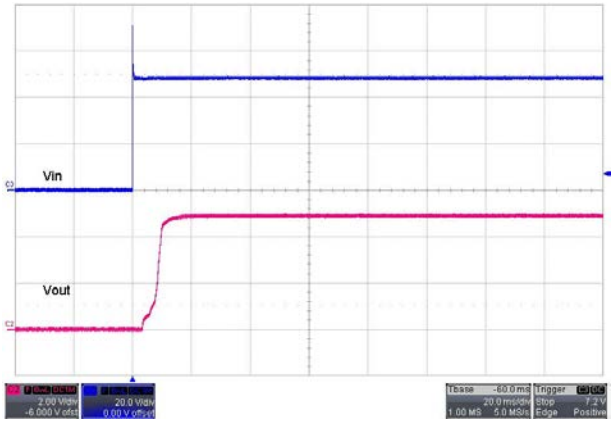
All test conditions are at 25℃.The figures are identical for PMM30-48S05W



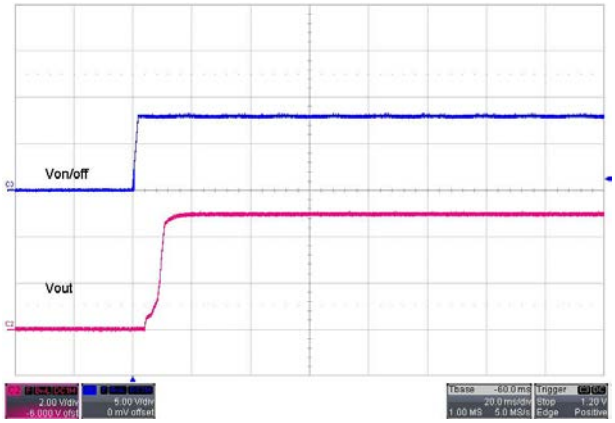
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

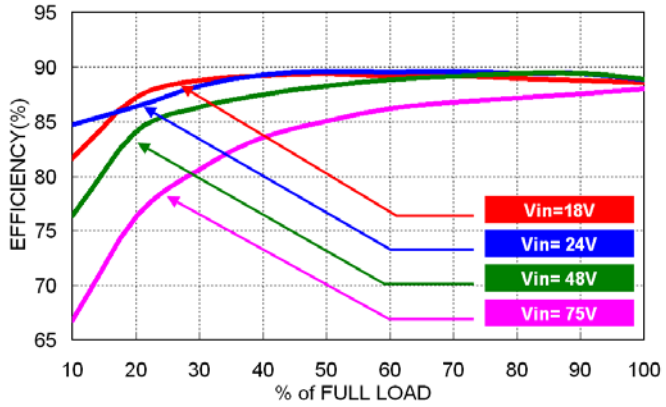


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

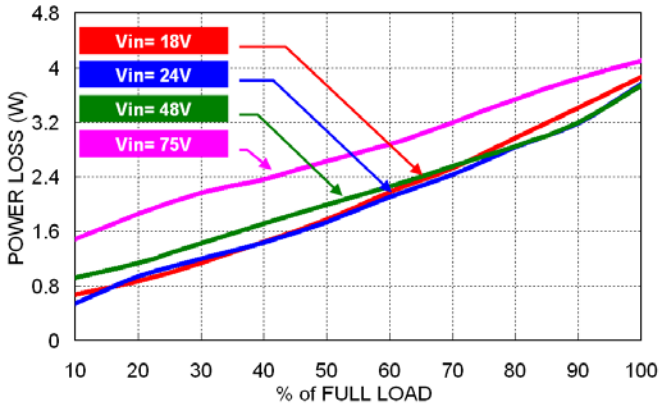


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

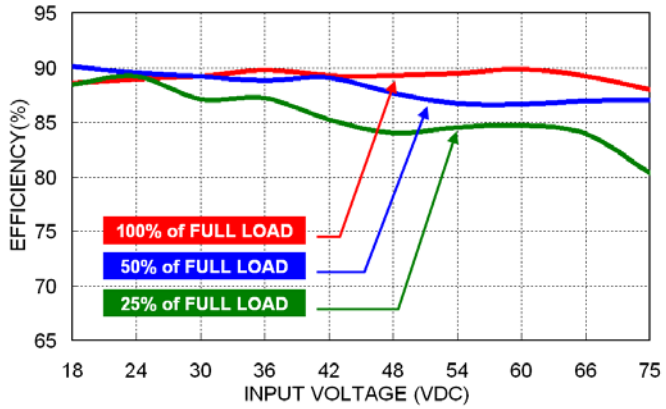
All test conditions are at 25℃.The figures are identical for PMM30-48S12W



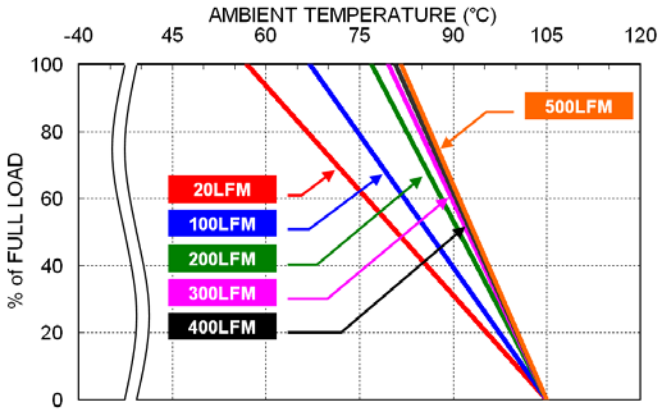
Efficiency Versus Output Load



Power Dissipation Versus Output Load

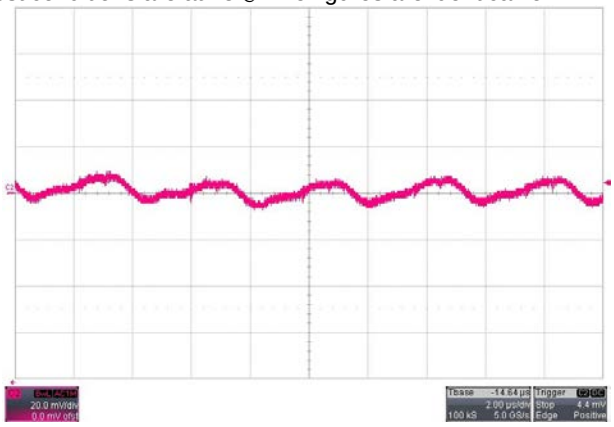


Efficiency Versus Input Voltage.

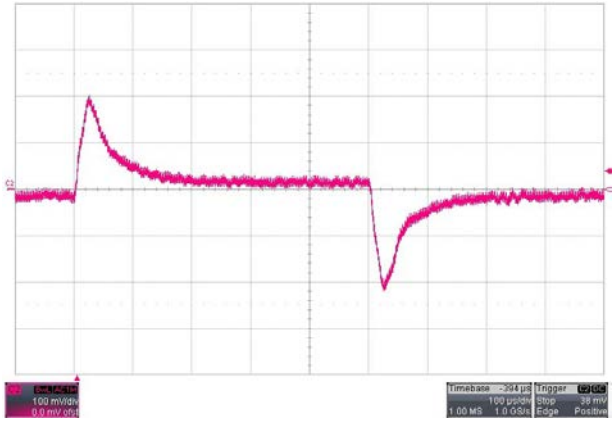


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

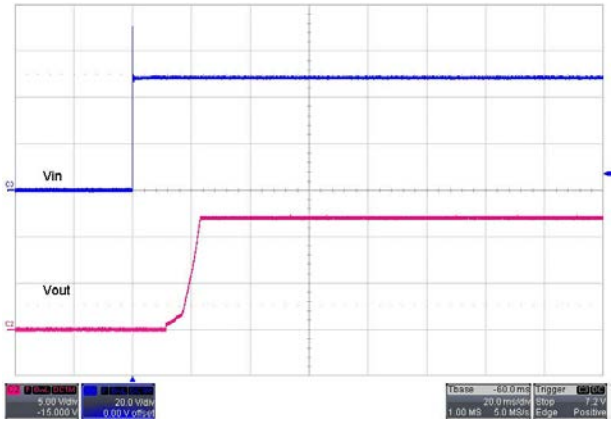
All test conditions are at 25℃.The figures are identical for PMM30-48S12W



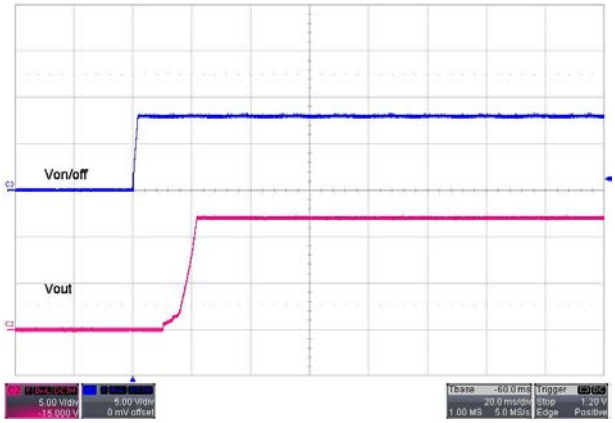
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

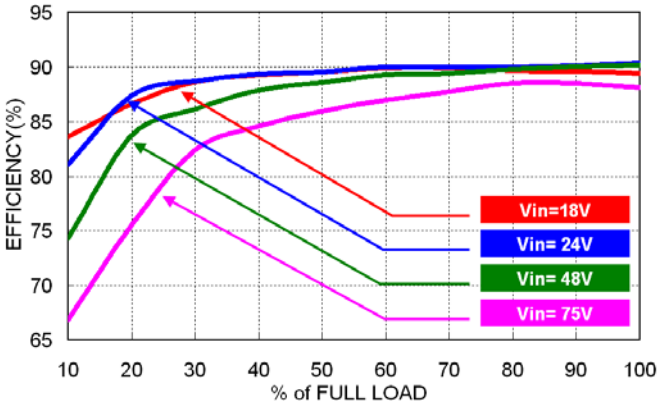


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

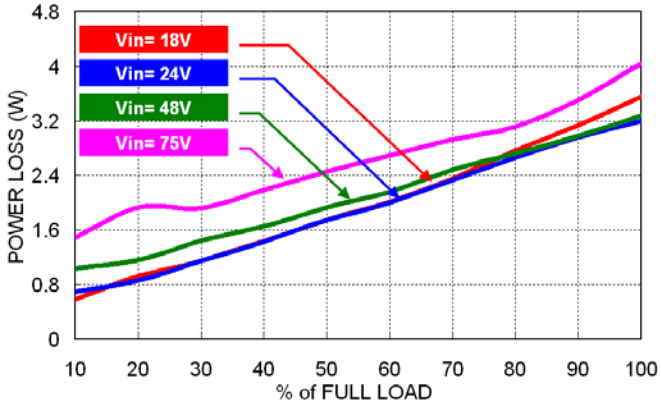


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

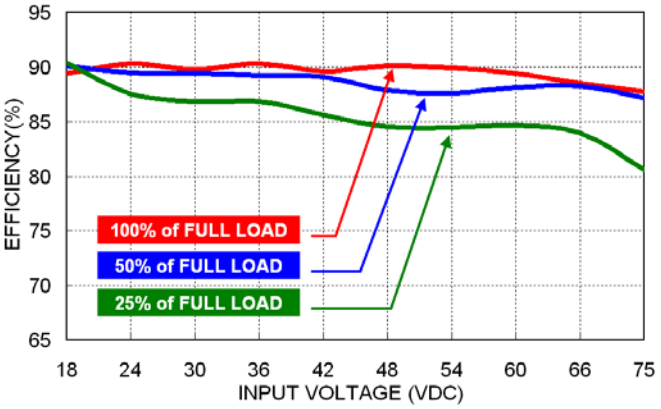
All test conditions are at 25℃.The figures are identical for PMM30-48S15W



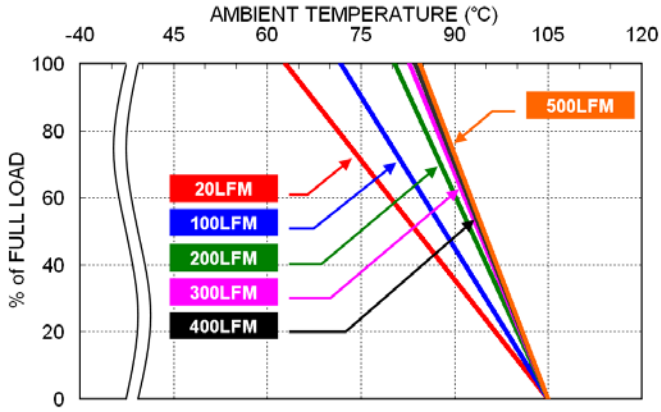
Efficiency Versus Output Load



Power Dissipation Versus Output Load

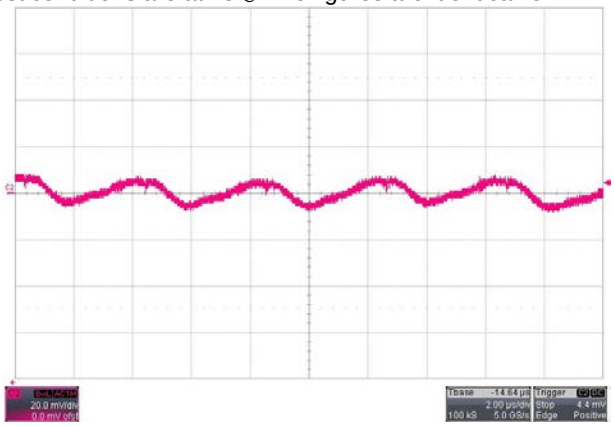


Efficiency Versus Input Voltage.

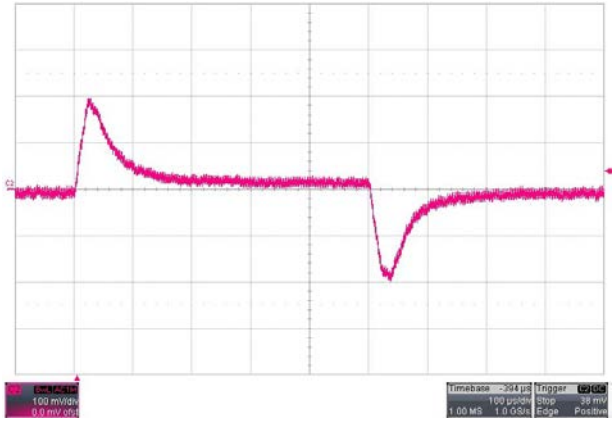


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

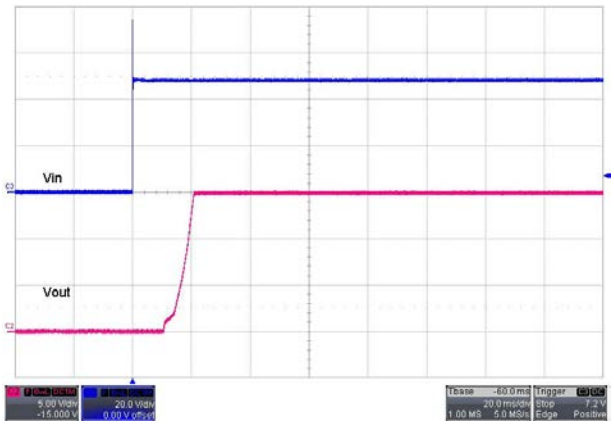
All test conditions are at 25℃.The figures are identical for PMM30-48S15W



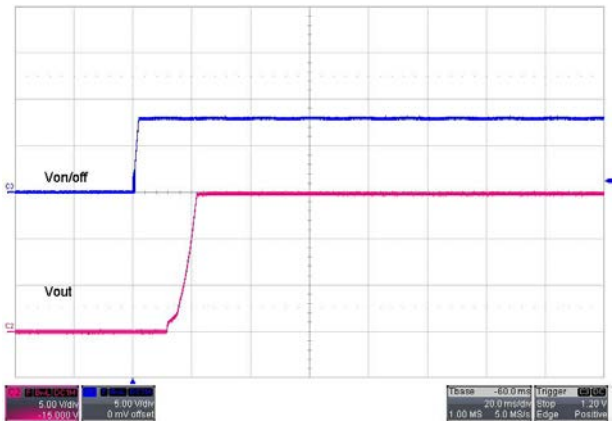
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

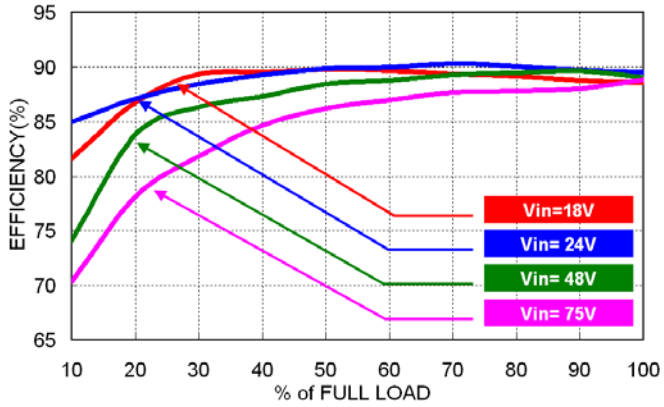


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

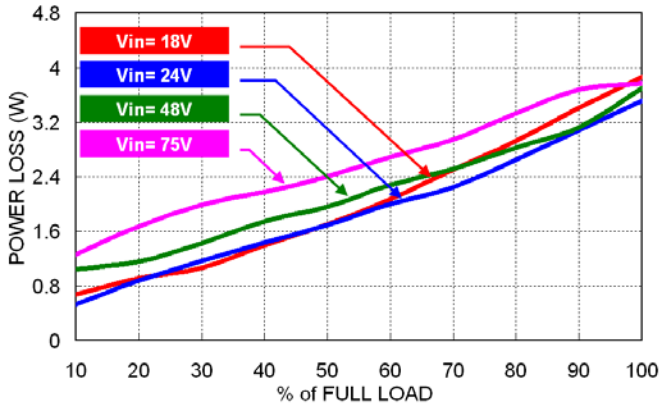


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

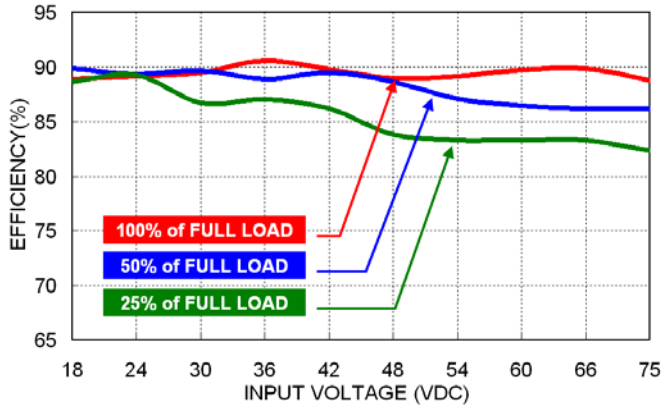
All test conditions are at 25℃.The figures are identical for PMM30-48S24W



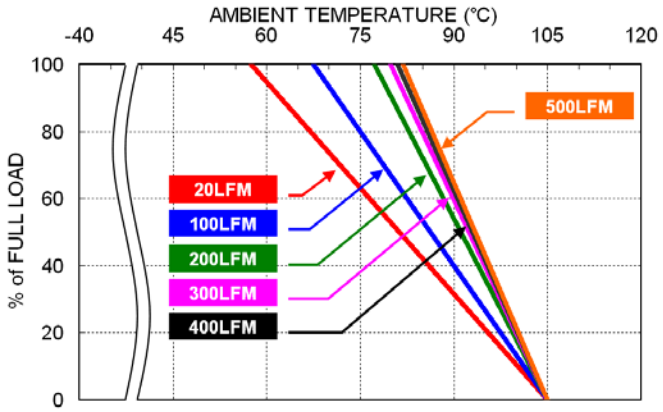
Efficiency Versus Output Load



Power Dissipation Versus Output Load



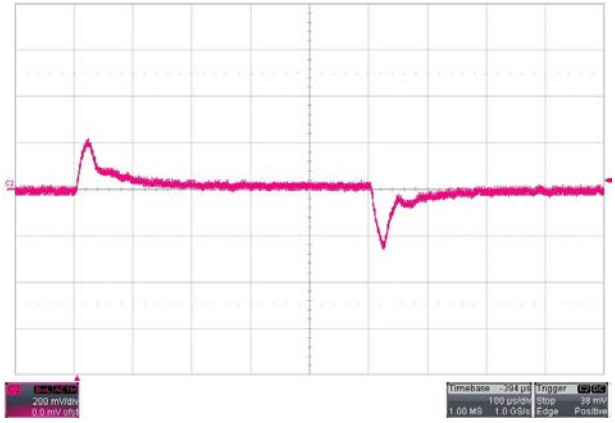
Efficiency Versus Input Voltage.



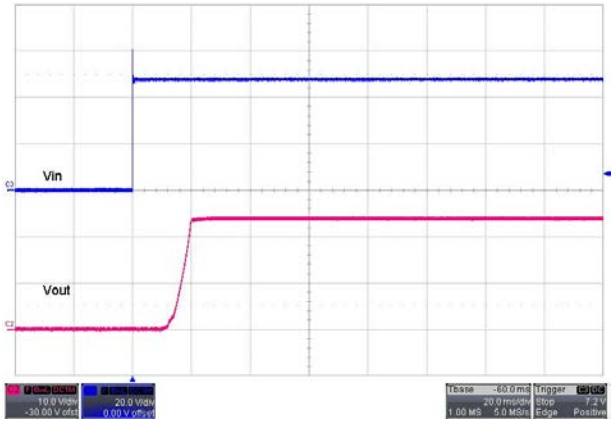
Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

All test conditions are at 25℃.The figures are identical for PMM30-48S24W

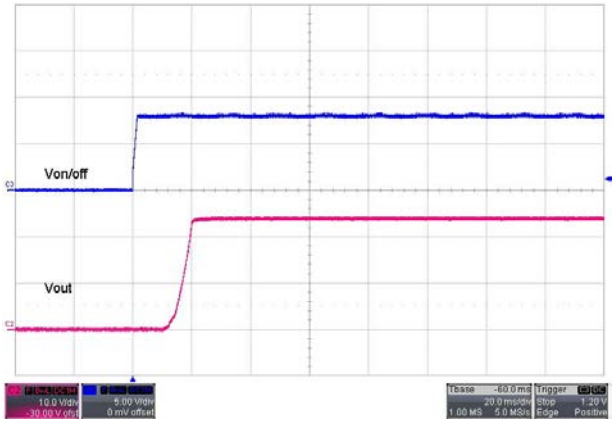
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

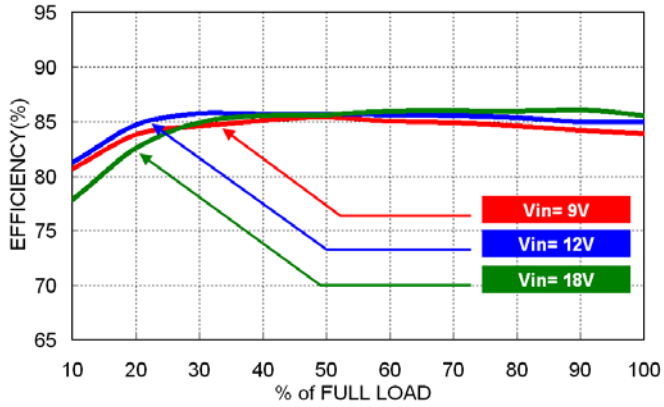


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

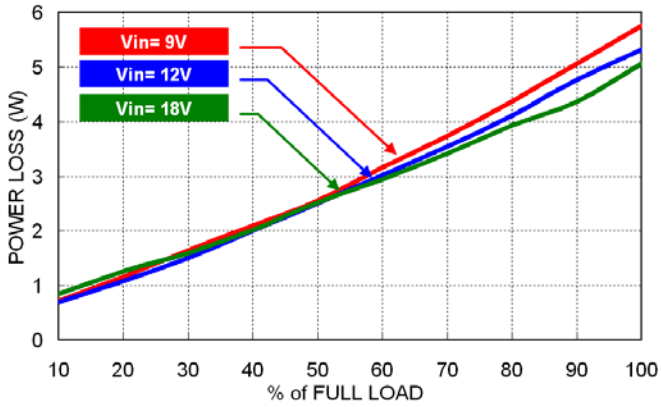


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

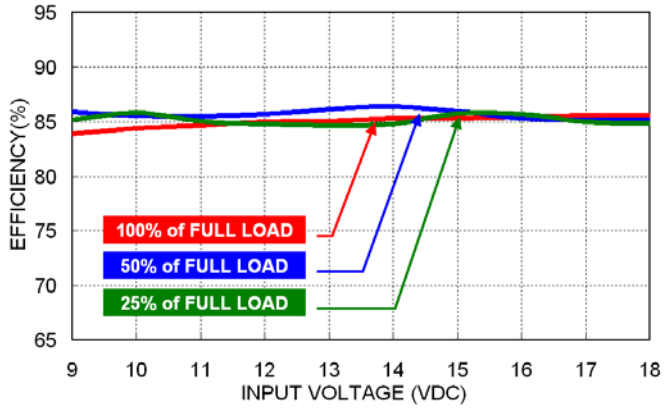
All test conditions are at 25℃.The figures are identical for PMM30-12D05



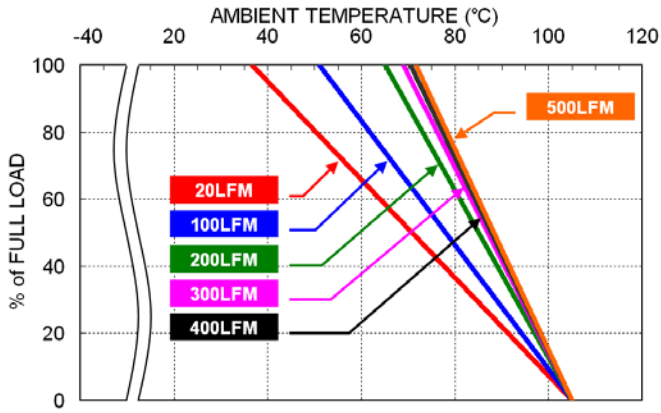
Efficiency Versus Output Load



Power Dissipation Versus Output Load

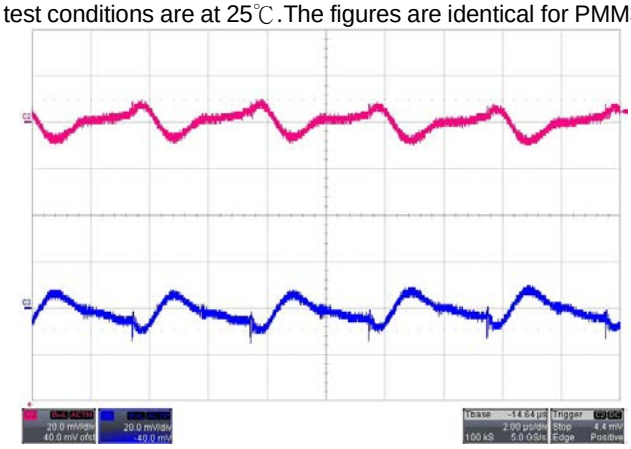


Efficiency Versus Input Voltage.

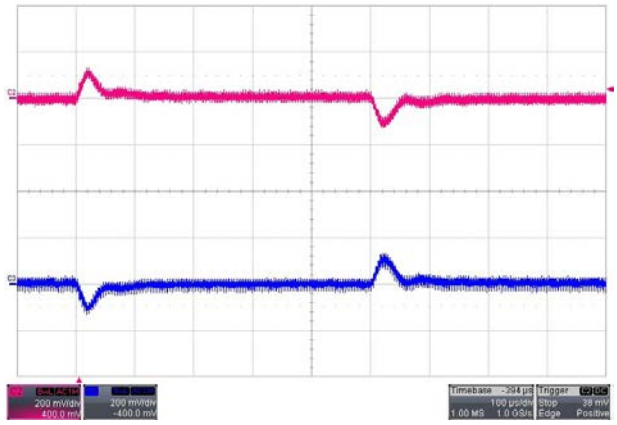


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

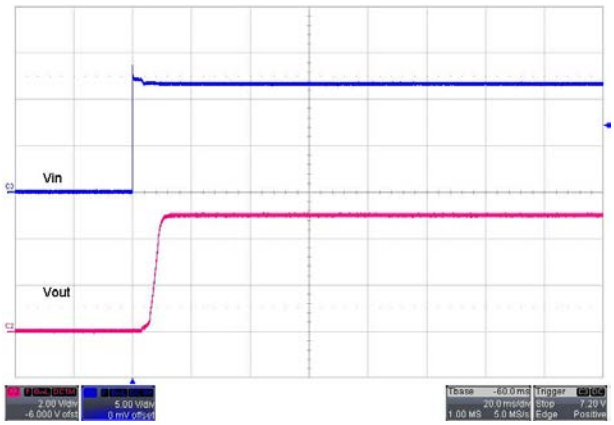
All test conditions are at 25℃.The figures are identical for PMM30-12D05



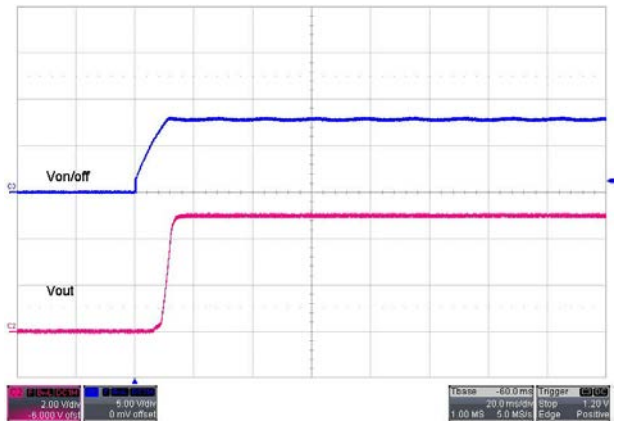
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

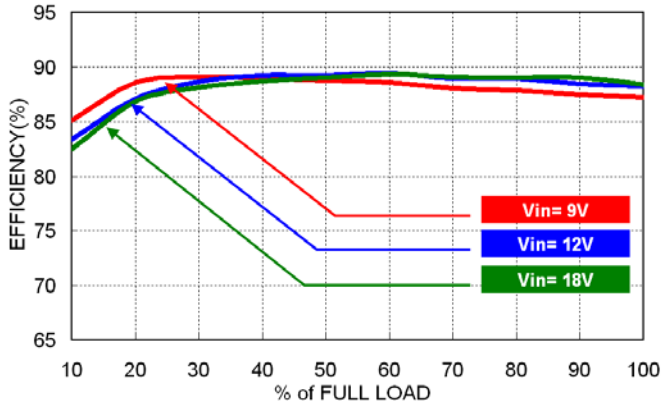


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

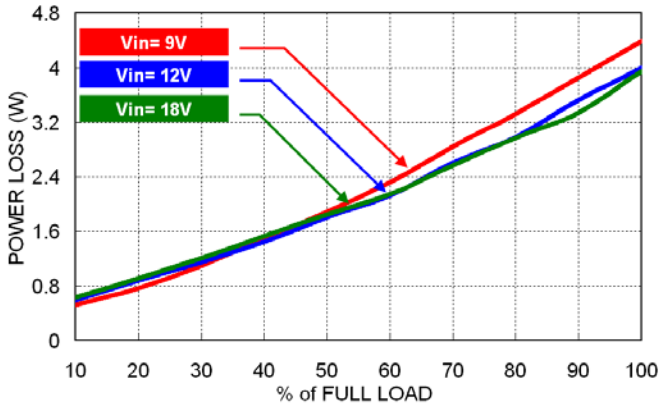


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

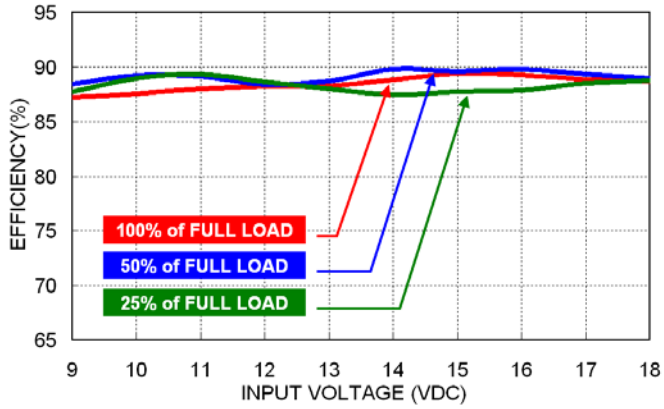
All test conditions are at 25℃.The figures are identical for PMM30-12D12



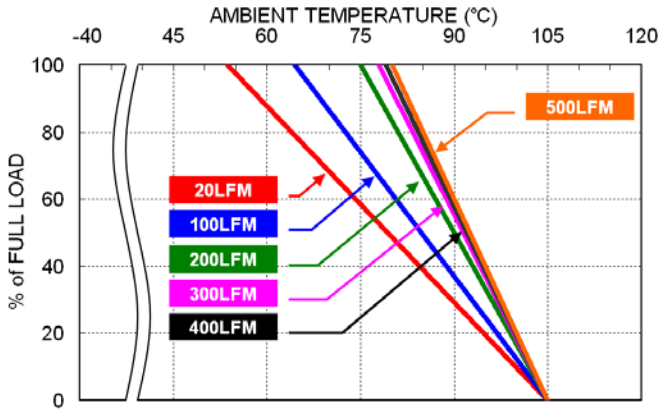
Efficiency Versus Output Load



Power Dissipation Versus Output Load

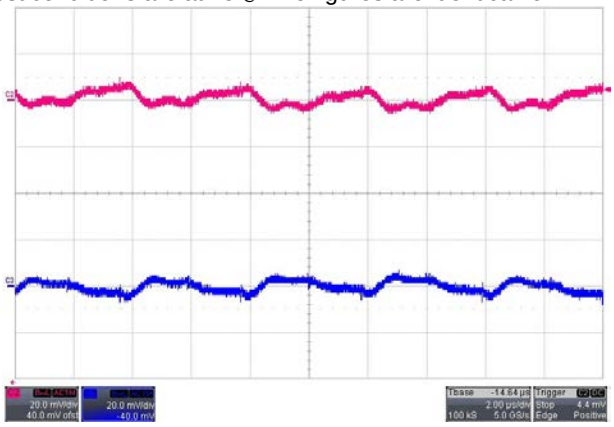


Efficiency Versus Input Voltage.

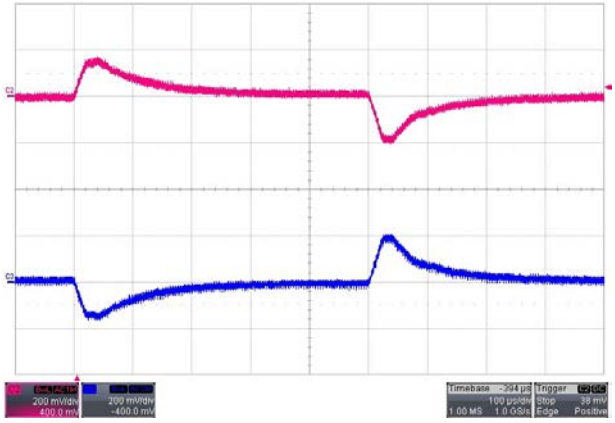


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

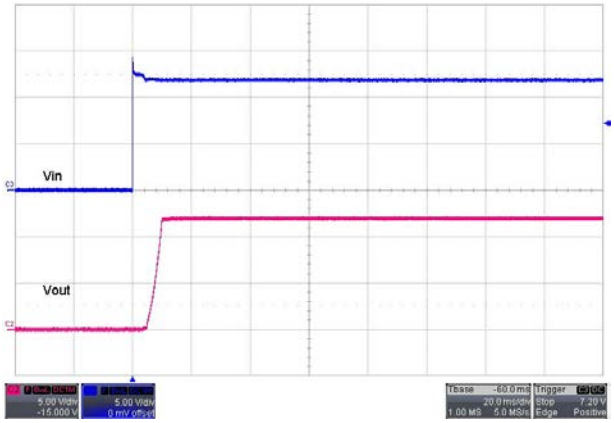
All test conditions are at 25℃.The figures are identical for PMM30-12D12



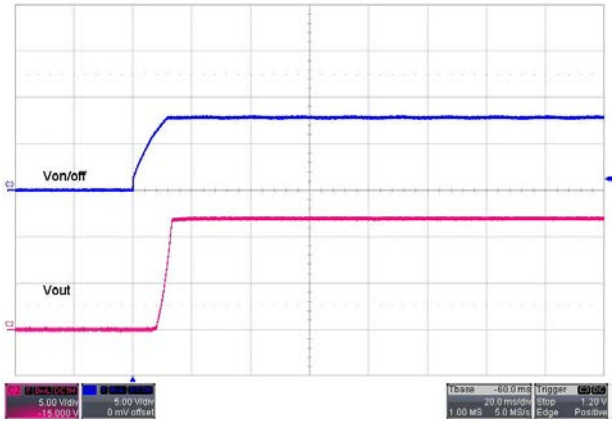
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

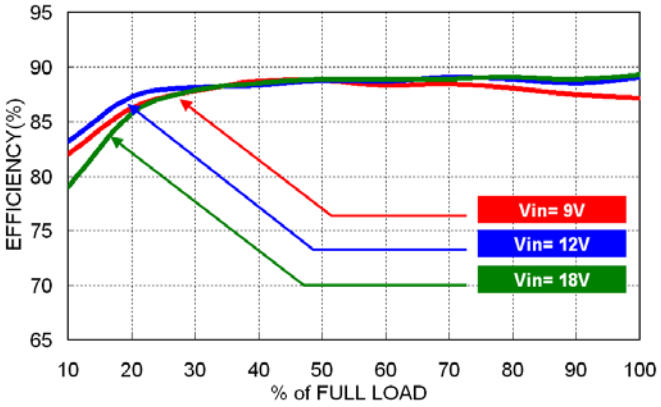


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

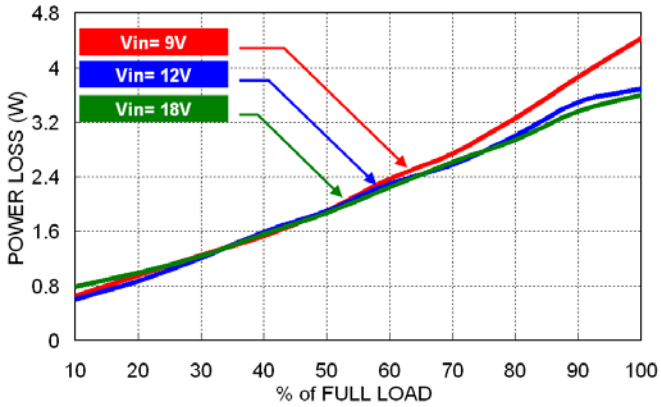


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

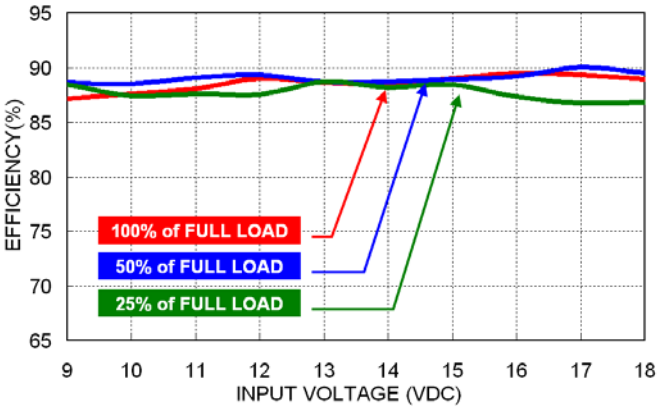
All test conditions are at 25℃.The figures are identical for PMM30-12D15



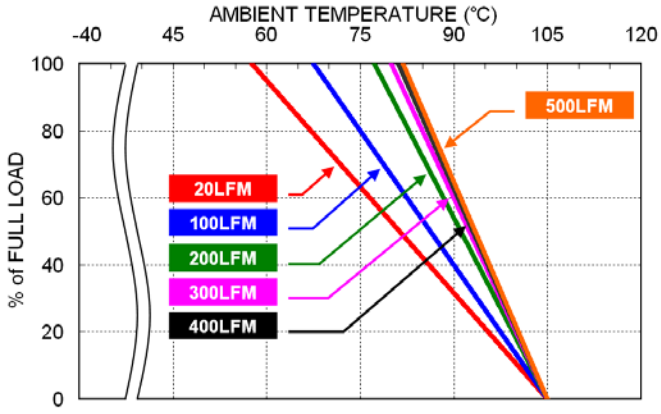
Efficiency Versus Output Load



Power Dissipation Versus Output Load

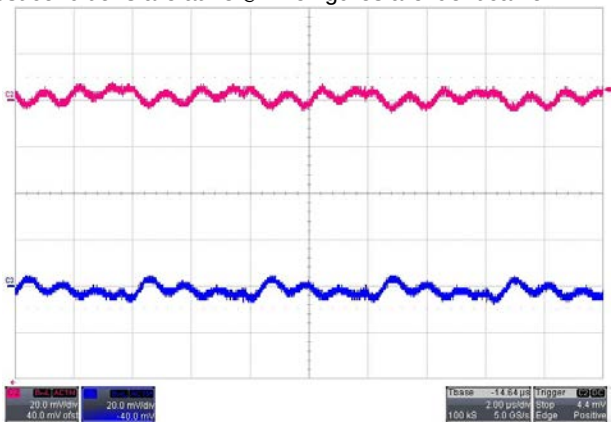


Efficiency Versus Input Voltage.

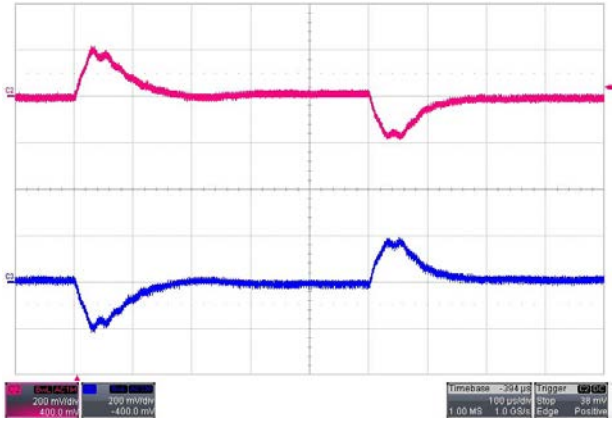


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

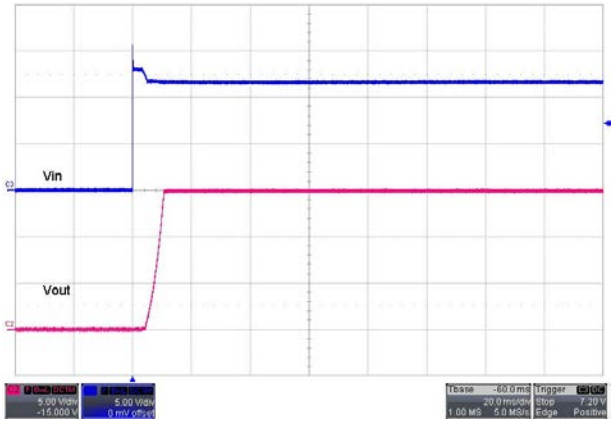
All test conditions are at 25℃.The figures are identical for PMM30-12D15



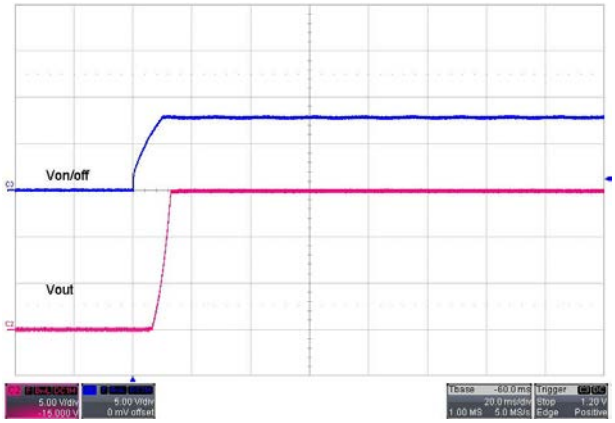
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

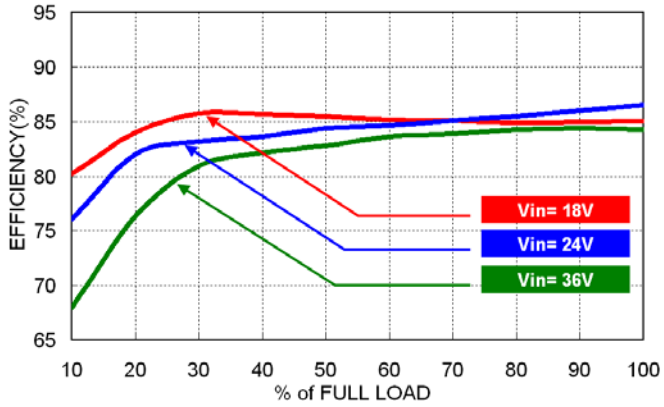


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

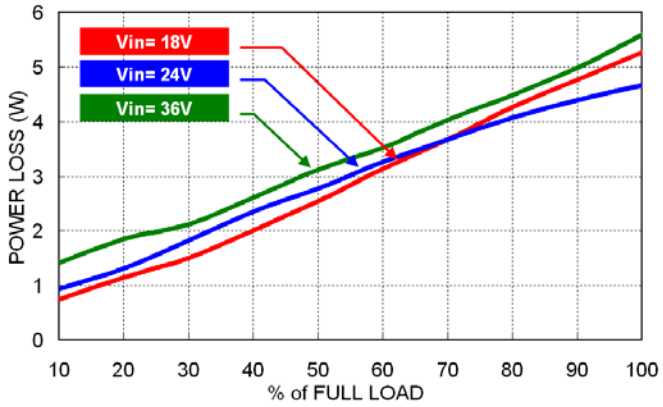


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

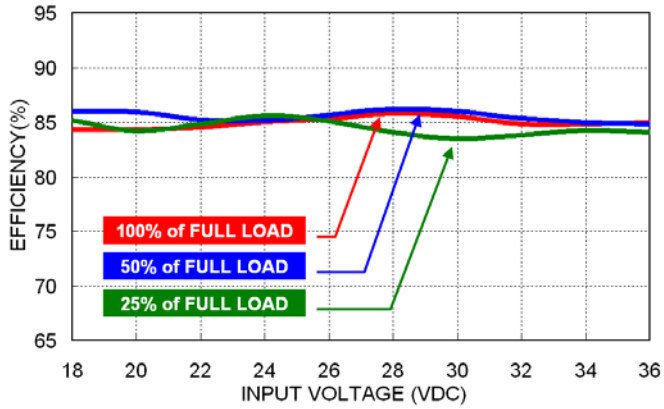
All test conditions are at 25℃.The figures are identical for PMM30-24D05



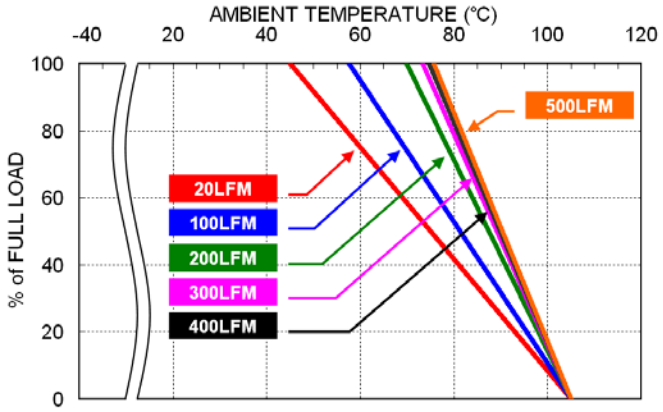
Efficiency Versus Output Load



Power Dissipation Versus Output Load

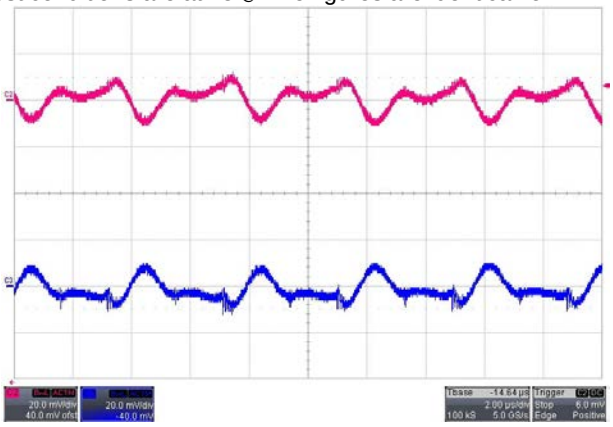


Efficiency Versus Input Voltage.

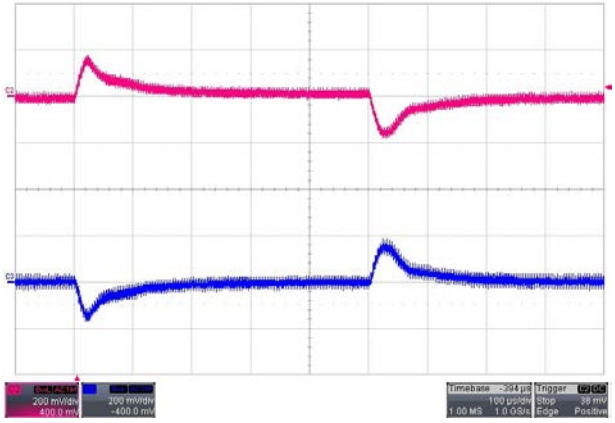


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

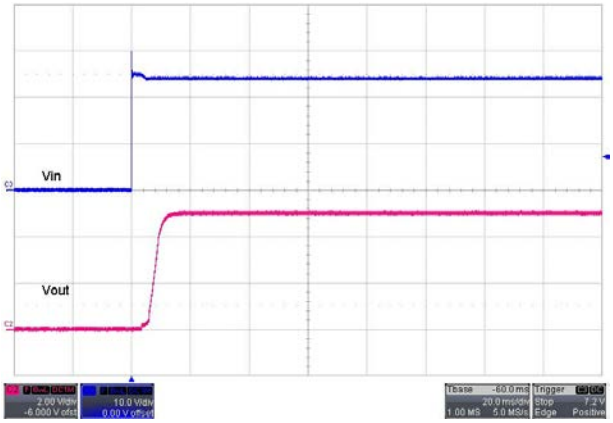
All test conditions are at 25℃.The figures are identical for PMM30-24D05



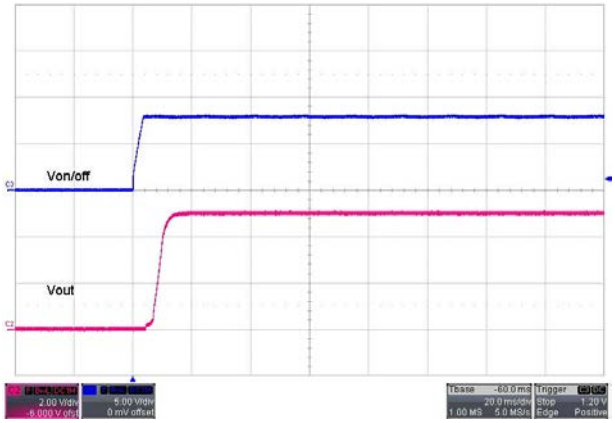
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

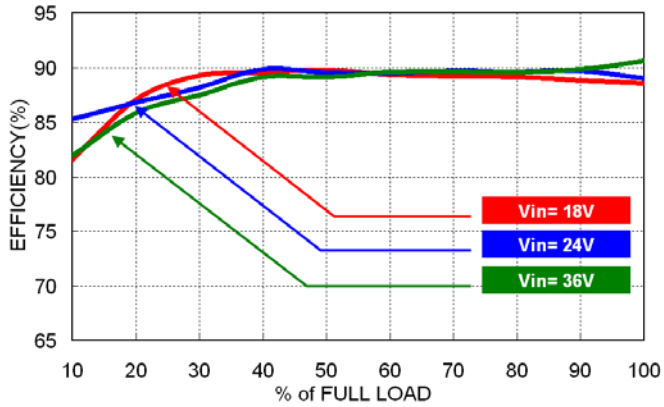


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

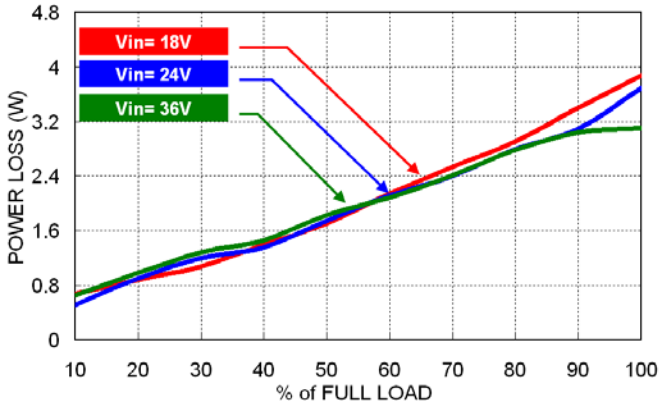


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

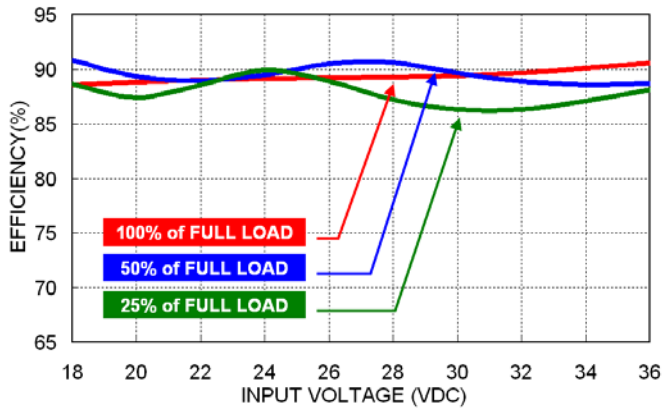
All test conditions are at 25℃.The figures are identical for PMM30-24D12



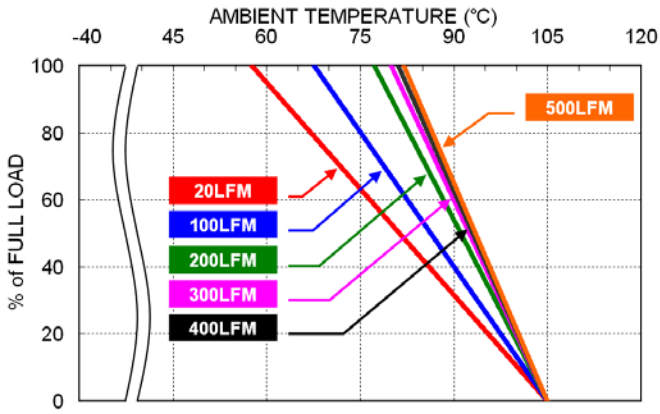
Efficiency Versus Output Load



Power Dissipation Versus Output Load

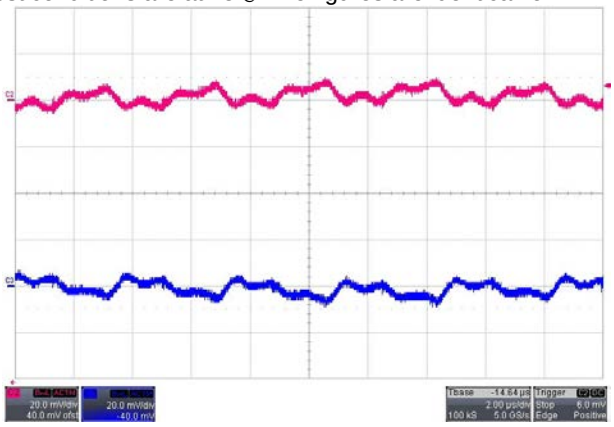


Efficiency Versus Input Voltage.

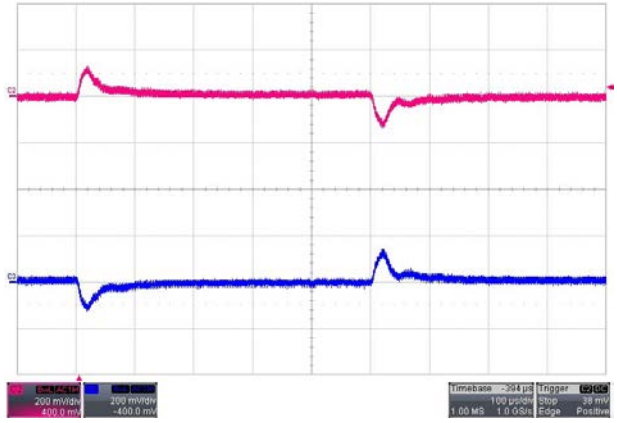


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

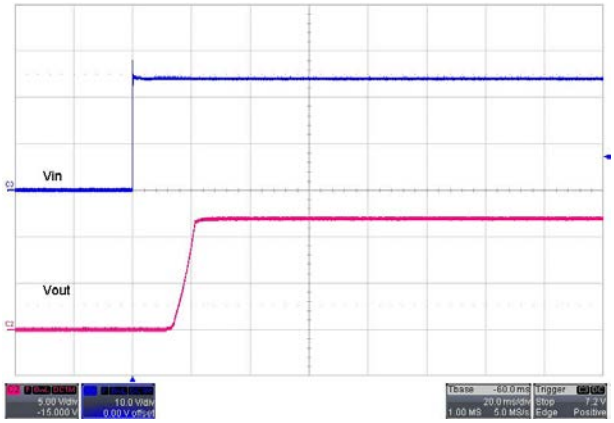
All test conditions are at 25℃.The figures are identical for PMM30-24D12



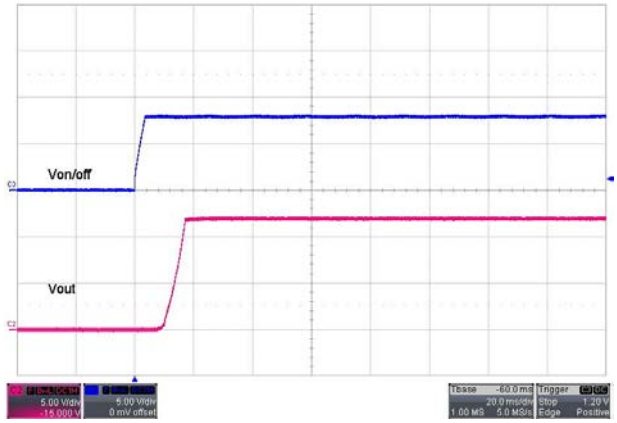
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

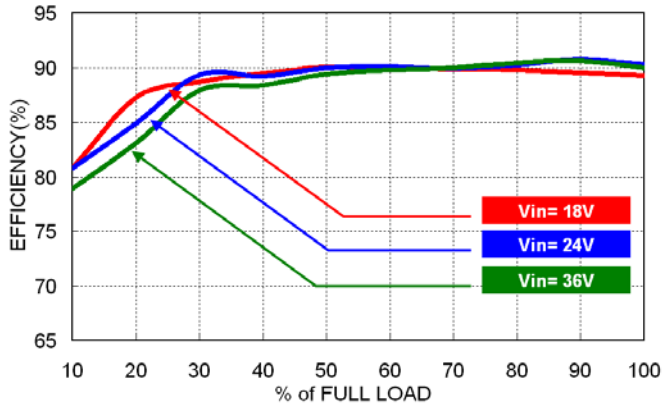


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

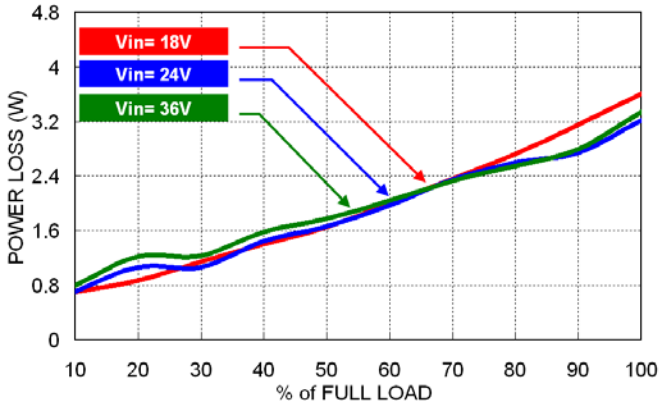


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

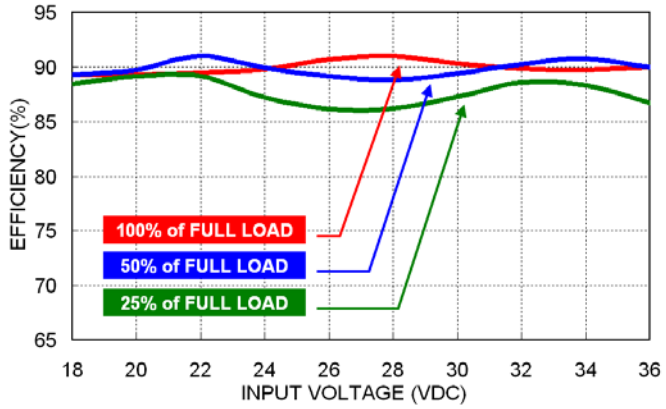
All test conditions are at 25℃.The figures are identical for PMM30-24D15



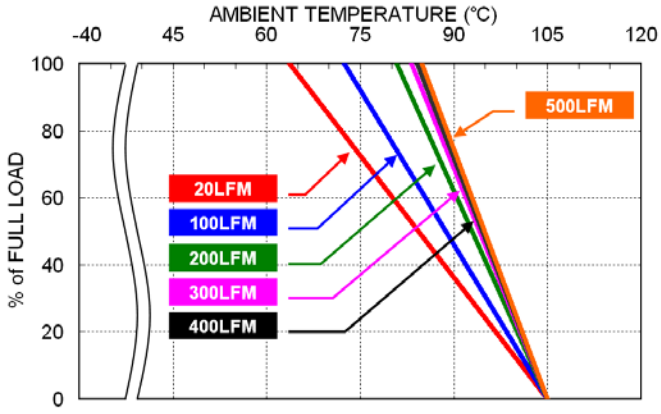
Efficiency Versus Output Load



Power Dissipation Versus Output Load

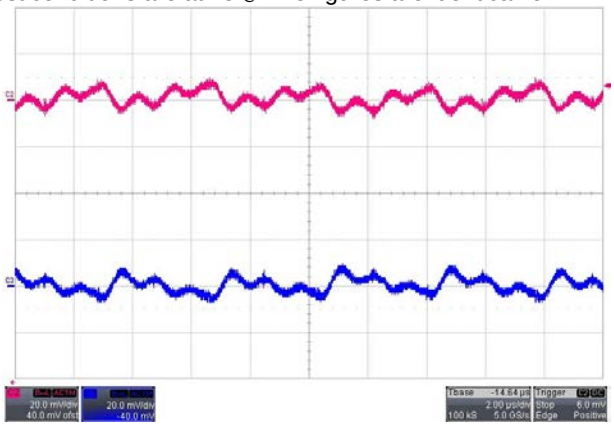


Efficiency Versus Input Voltage.

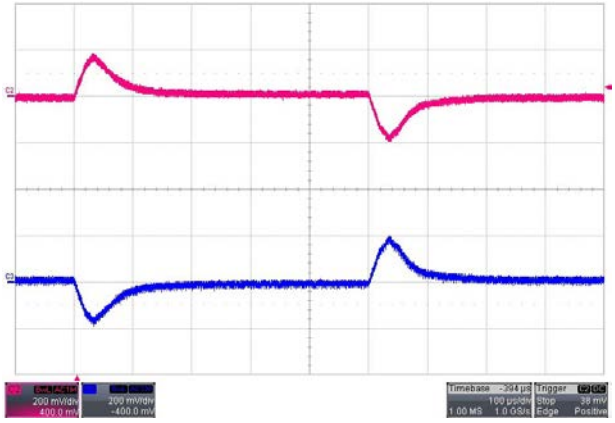


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

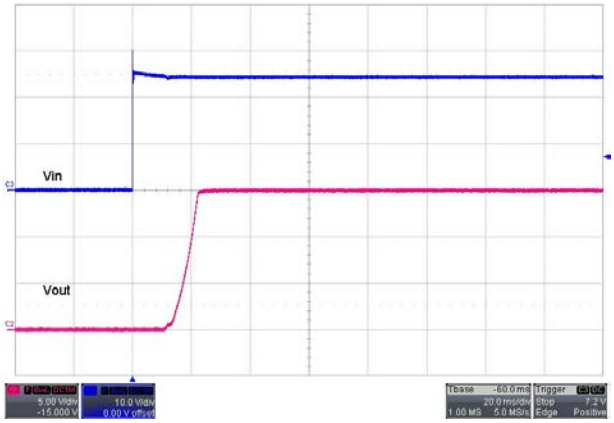
All test conditions are at 25℃.The figures are identical for PMM30-24D15



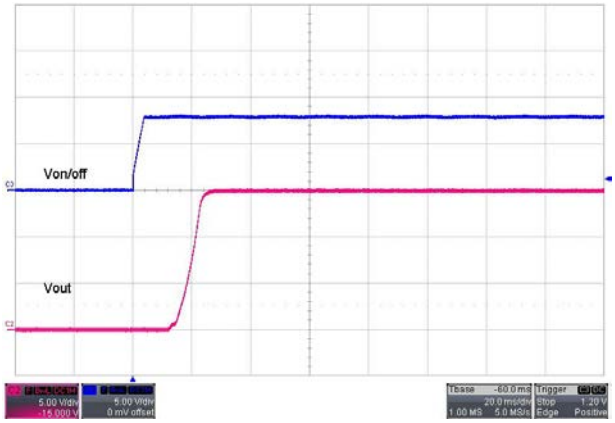
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

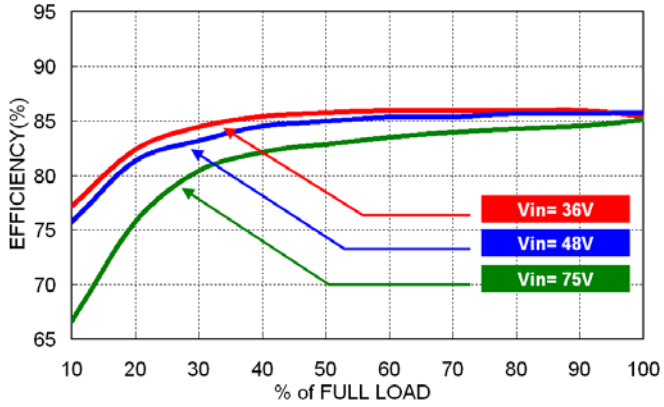


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

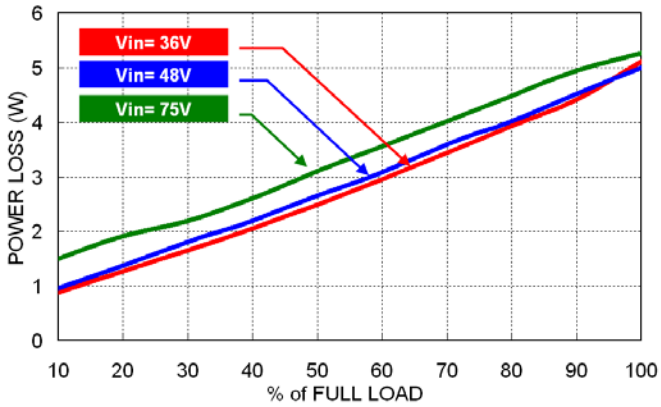


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

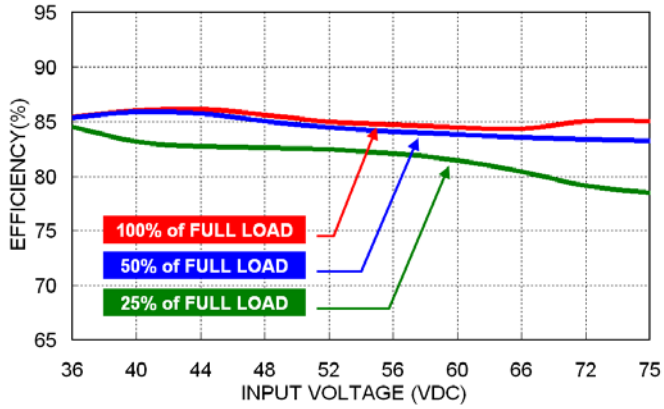
All test conditions are at 25℃.The figures are identical for PMM30-48D05



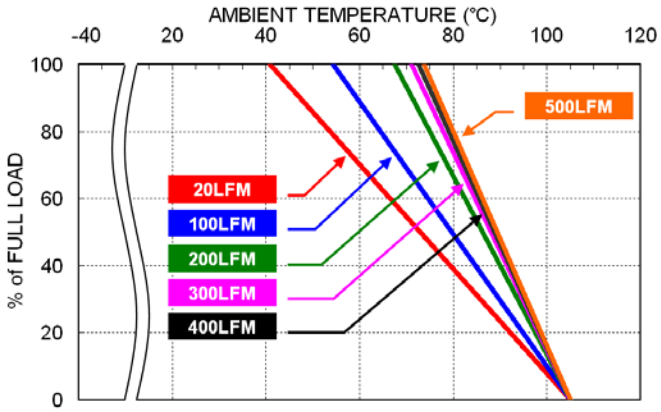
Efficiency Versus Output Load



Power Dissipation Versus Output Load

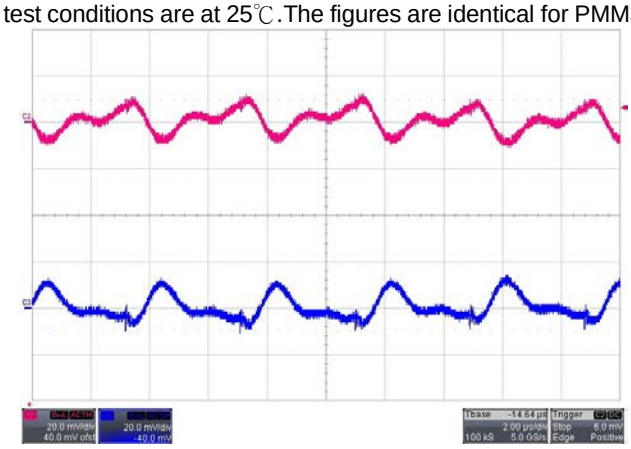


Efficiency Versus Input Voltage.

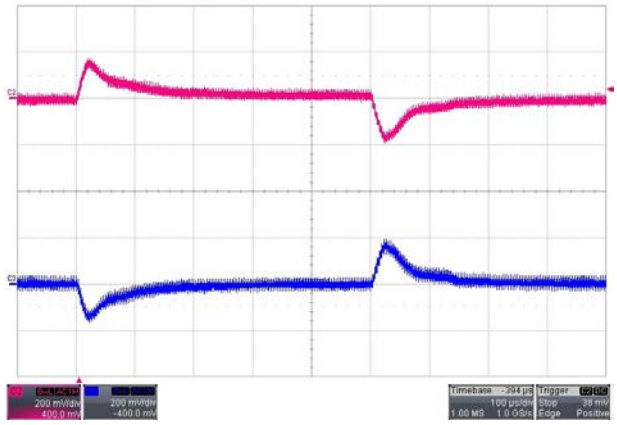


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

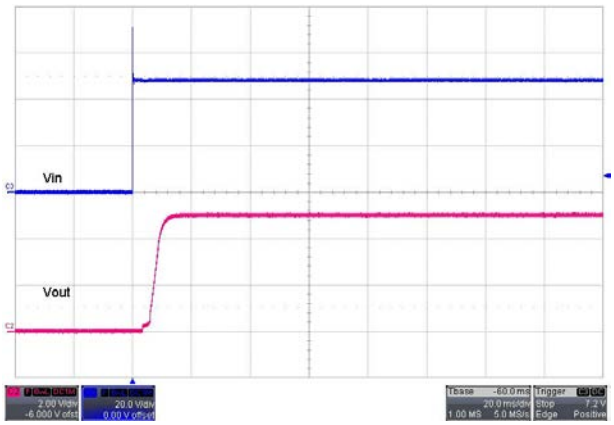
All test conditions are at 25℃.The figures are identical for PMM30-48D05



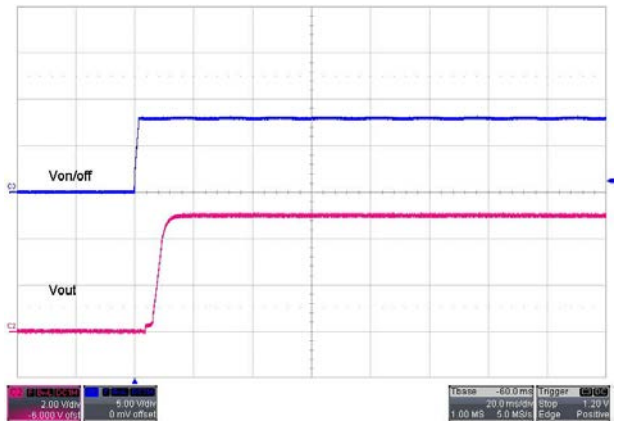
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

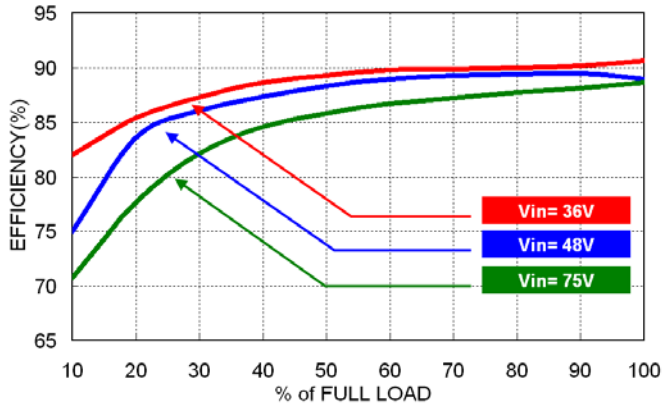


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

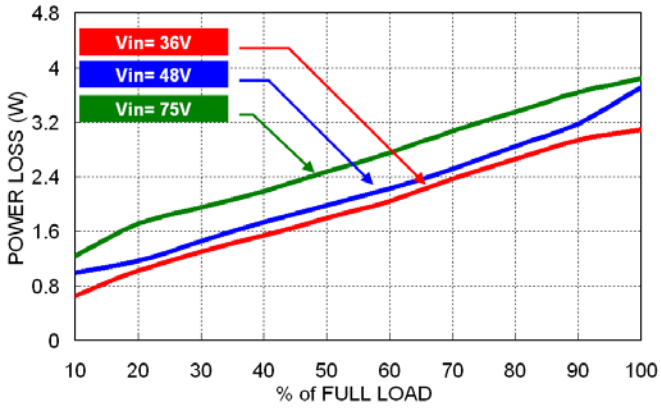


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

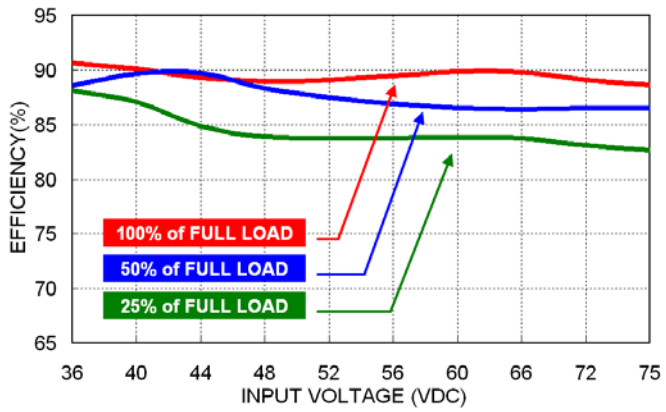
All test conditions are at 25℃.The figures are identical for PMM30-48D12



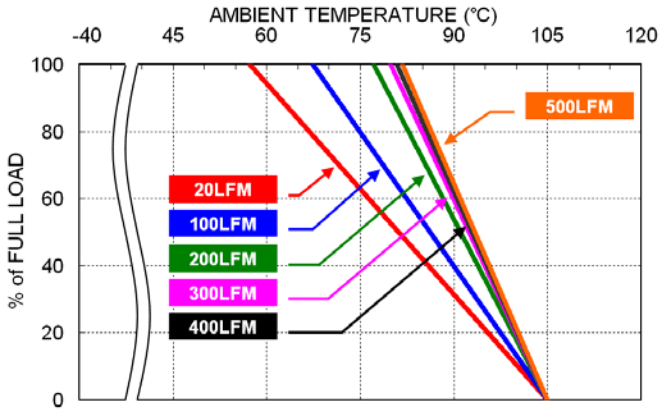
Efficiency Versus Output Load



Power Dissipation Versus Output Load

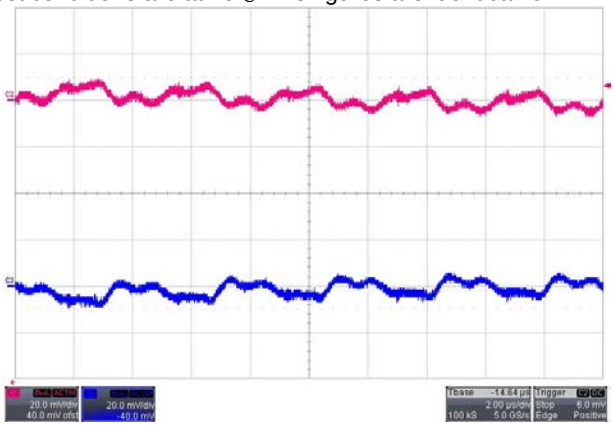


Efficiency Versus Input Voltage.

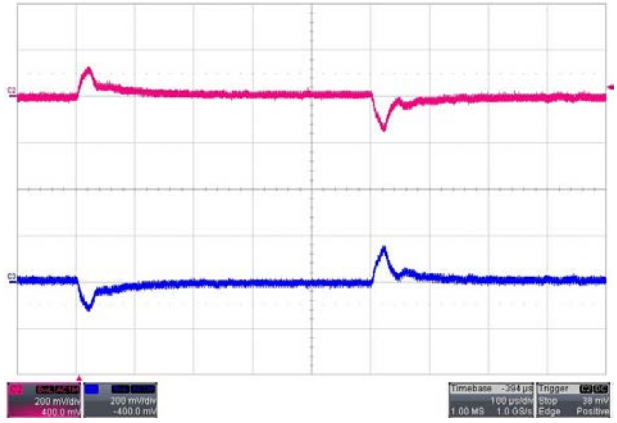


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

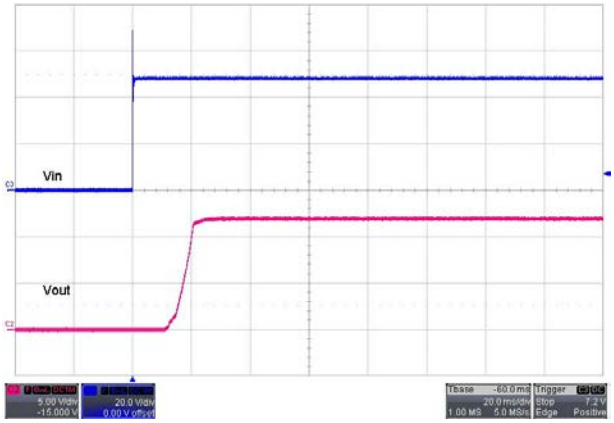
All test conditions are at 25℃.The figures are identical for PMM30-48D12



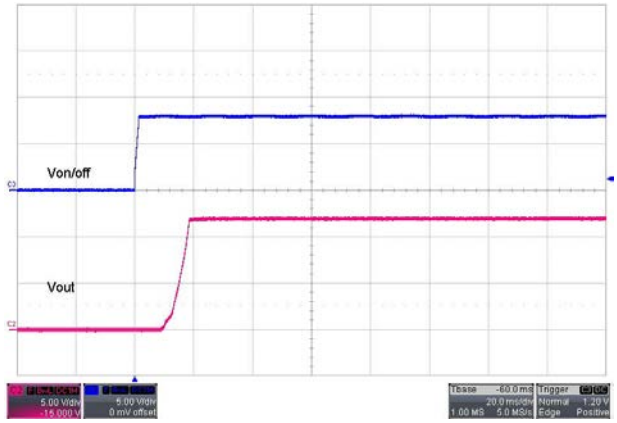
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

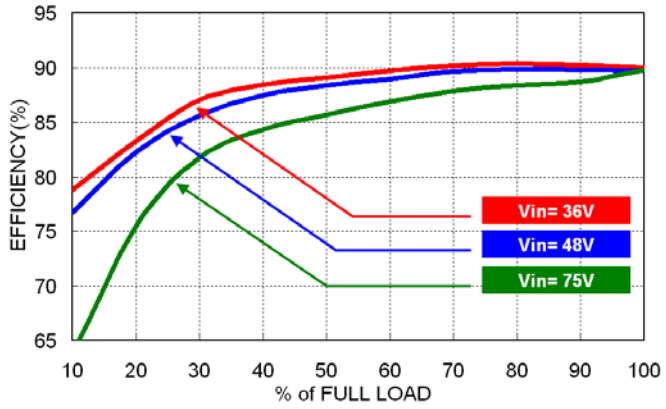


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

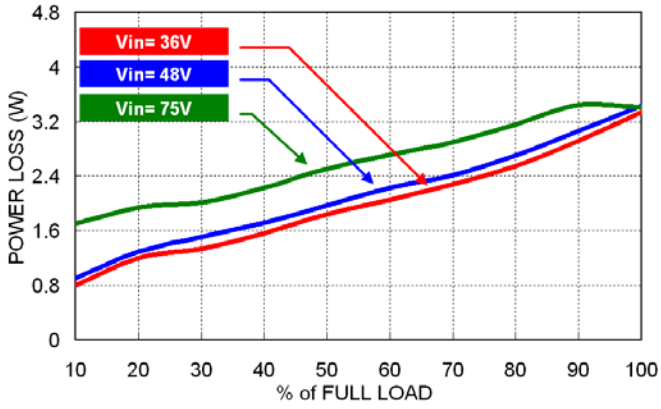


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

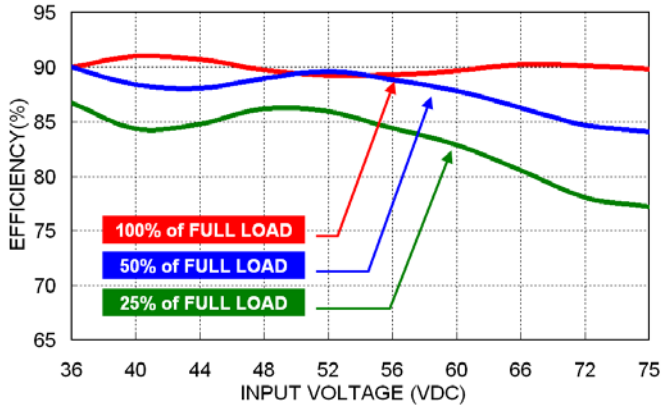
All test conditions are at 25℃.The figures are identical for PMM30-48D15



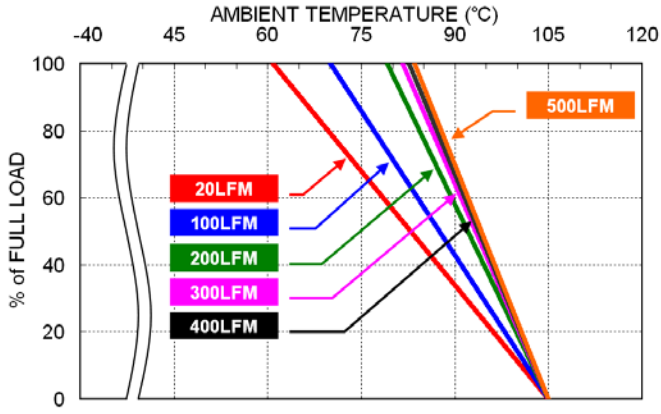
Efficiency Versus Output Load



Power Dissipation Versus Output Load

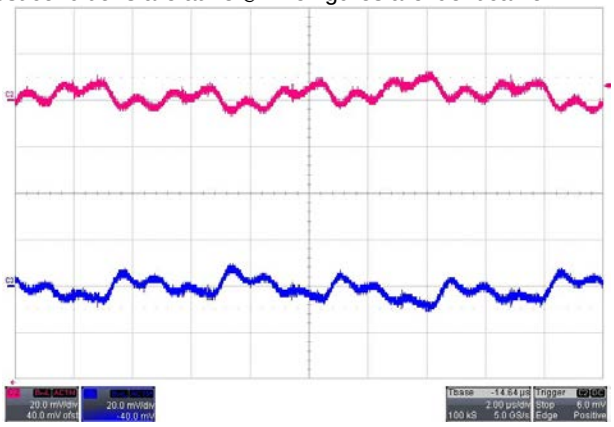


Efficiency Versus Input Voltage.

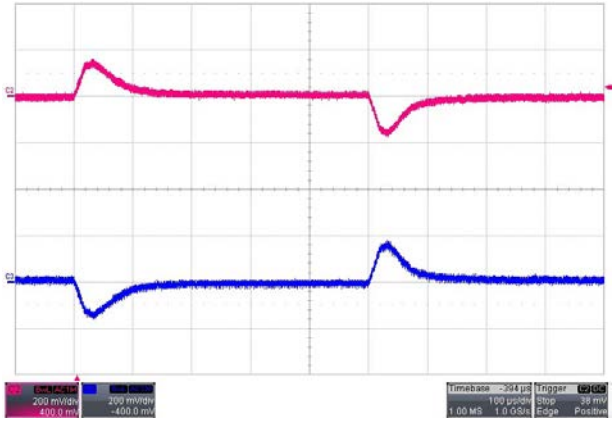


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

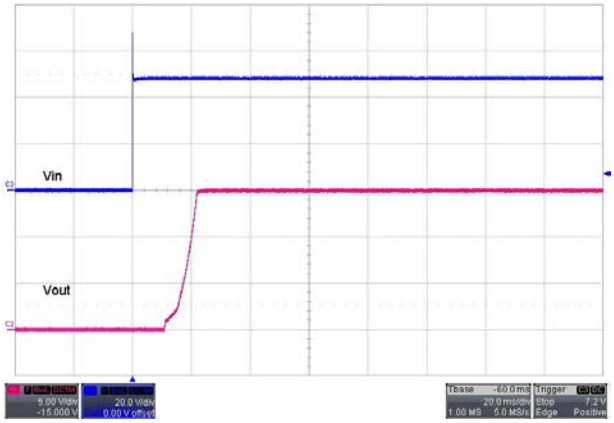
All test conditions are at 25℃.The figures are identical for PMM30-48D15



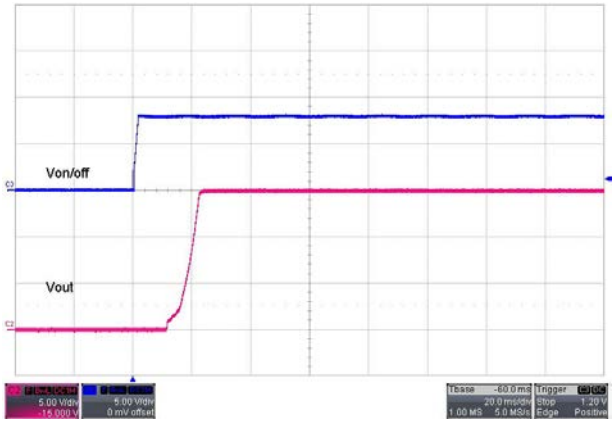
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

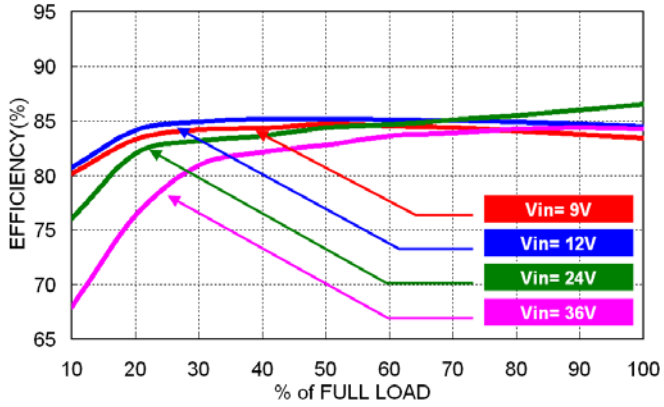


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

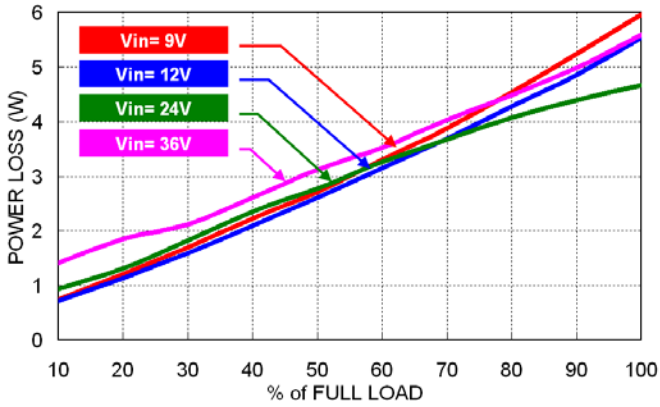


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

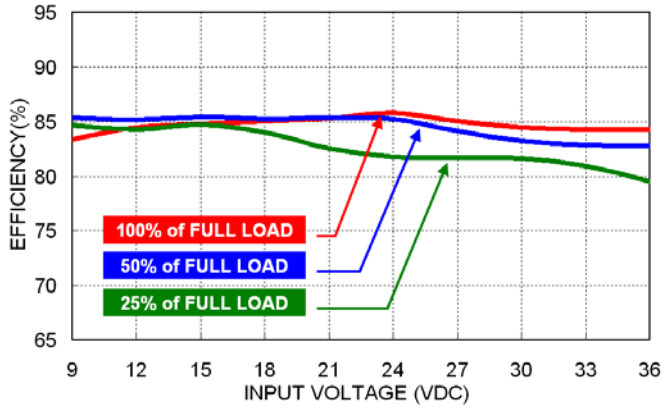
All test conditions are at 25℃.The figures are identical for PMM30-24D05W



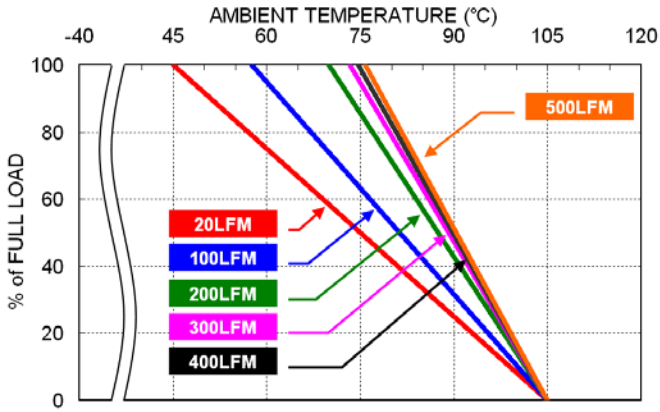
Efficiency Versus Output Load



Power Dissipation Versus Output Load

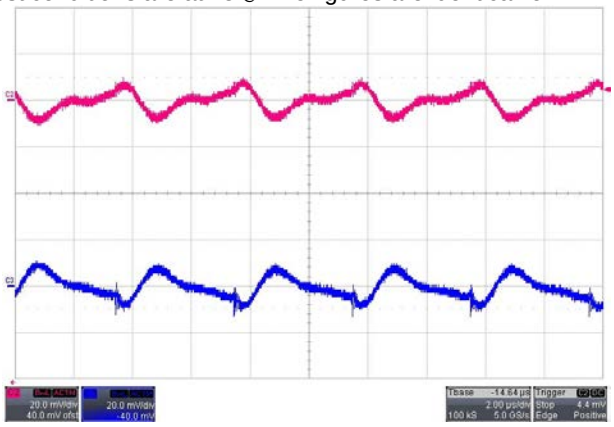


Efficiency Versus Input Voltage.

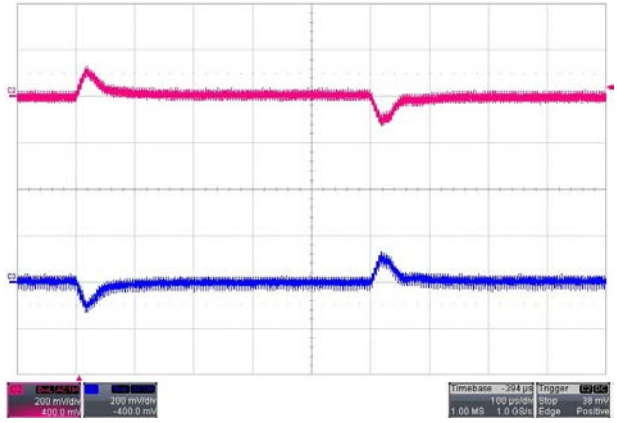


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

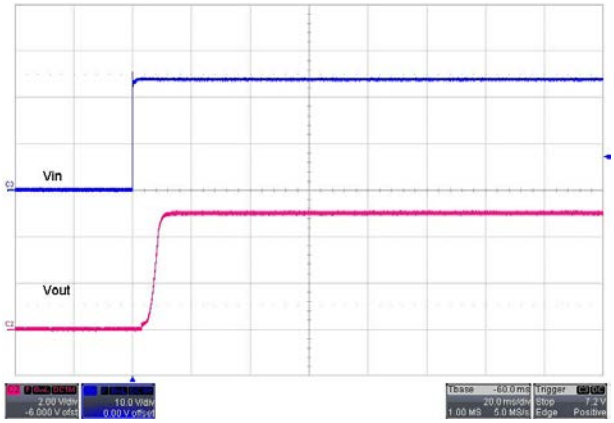
All test conditions are at 25℃.The figures are identical for PMM30-24D05W



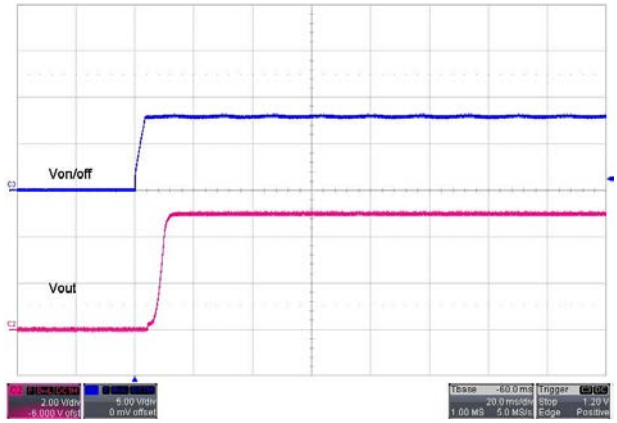
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

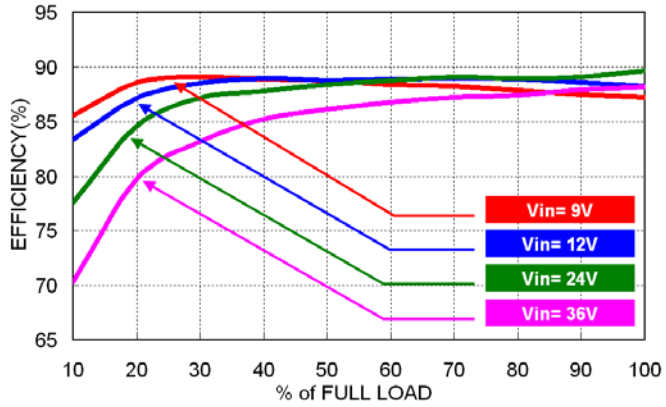


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

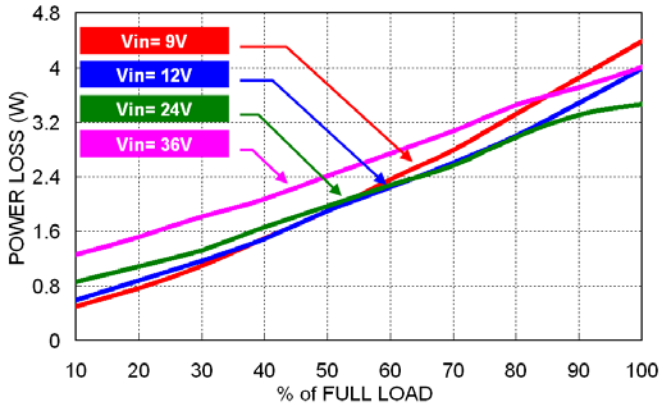


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

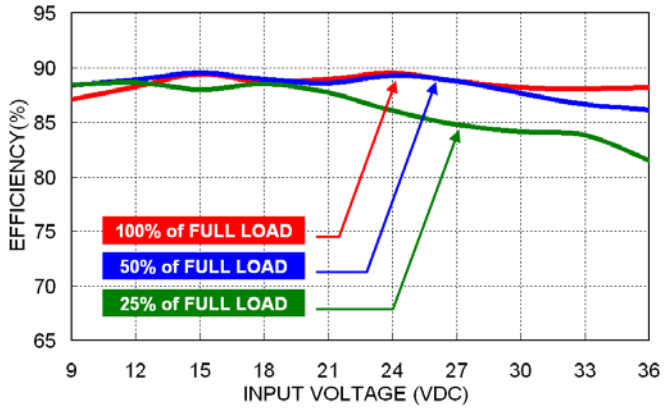
All test conditions are at 25℃.The figures are identical for PMM30-24D12W



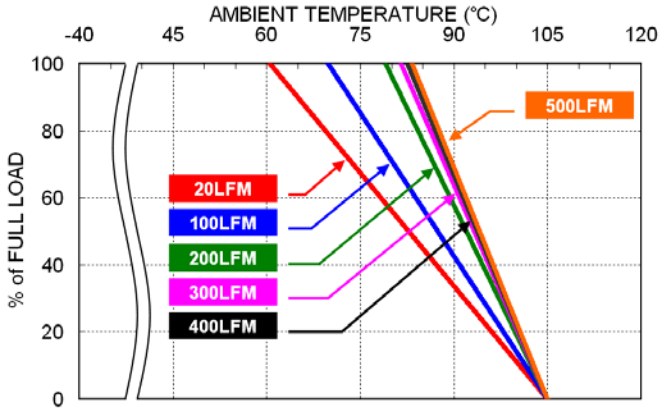
Efficiency Versus Output Load



Power Dissipation Versus Output Load

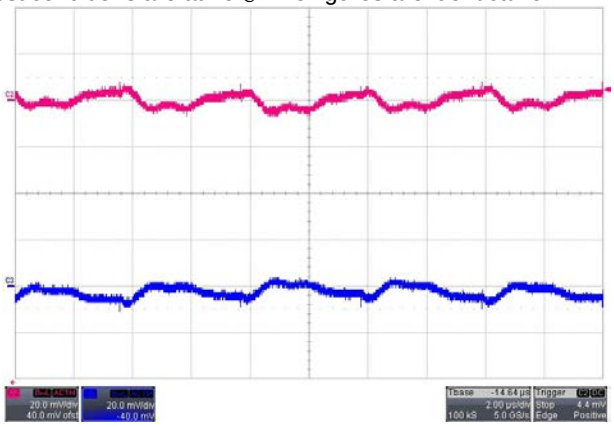


Efficiency Versus Input Voltage.

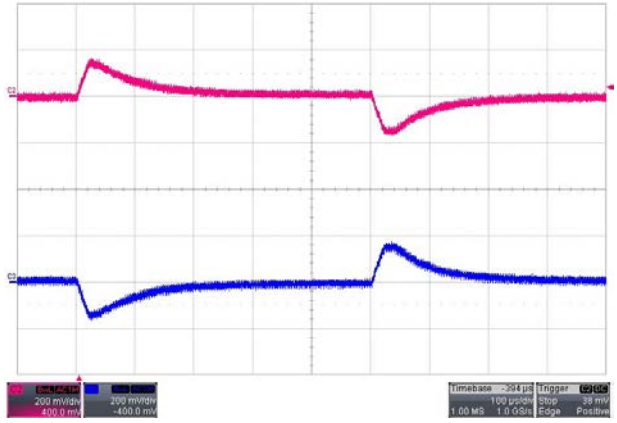


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

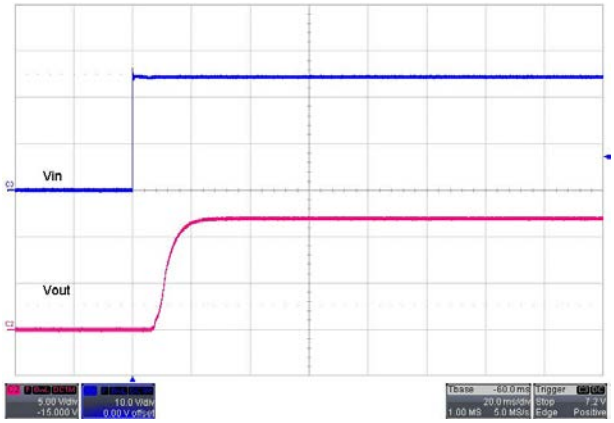
All test conditions are at 25℃.The figures are identical for PMM30-24D12W



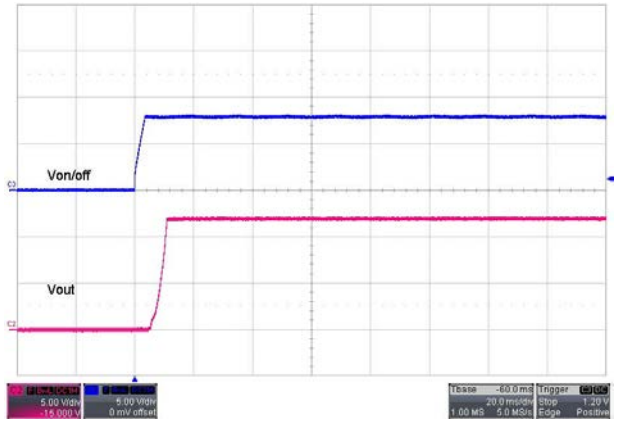
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

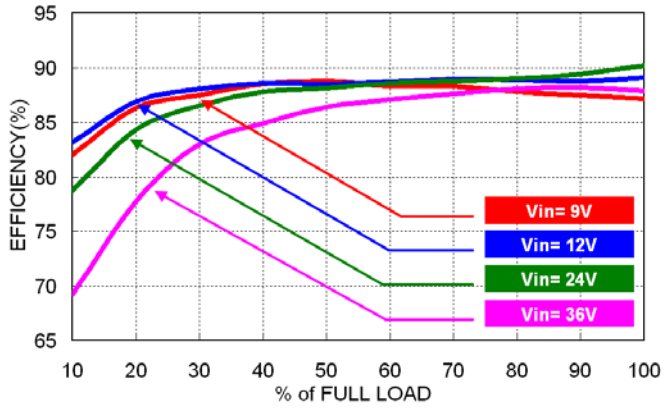


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

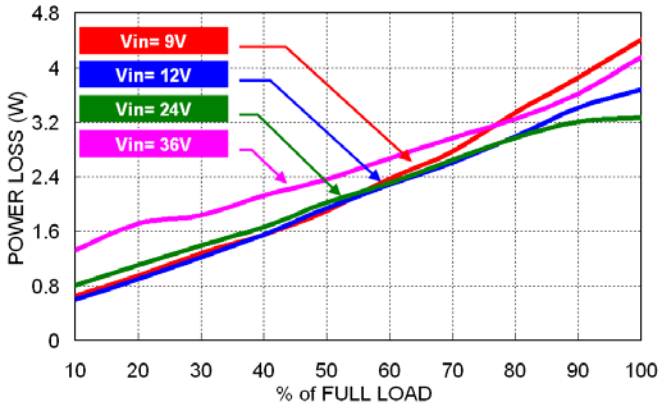


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

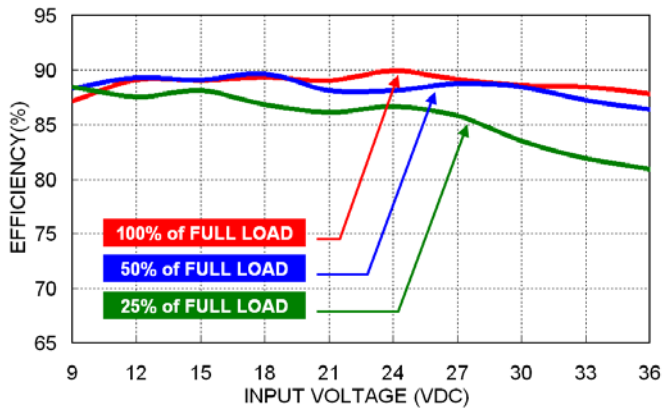
All test conditions are at 25℃.The figures are identical for PMM30-24D15W



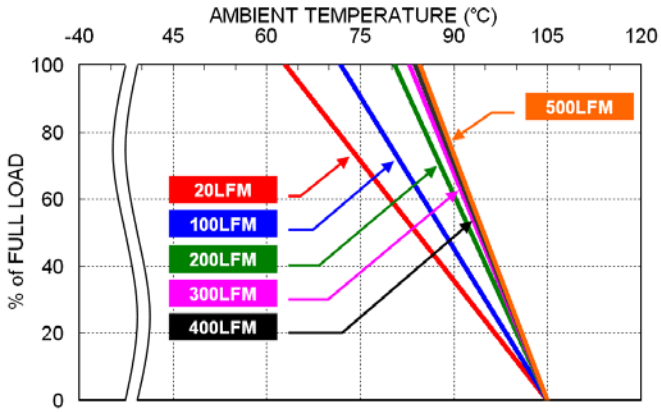
Efficiency Versus Output Load



Power Dissipation Versus Output Load

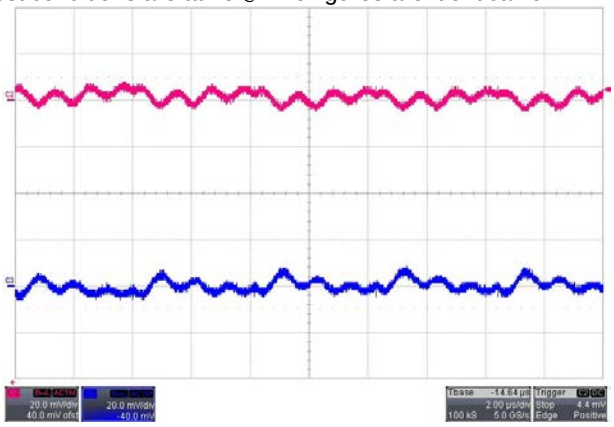


Efficiency Versus Input Voltage.

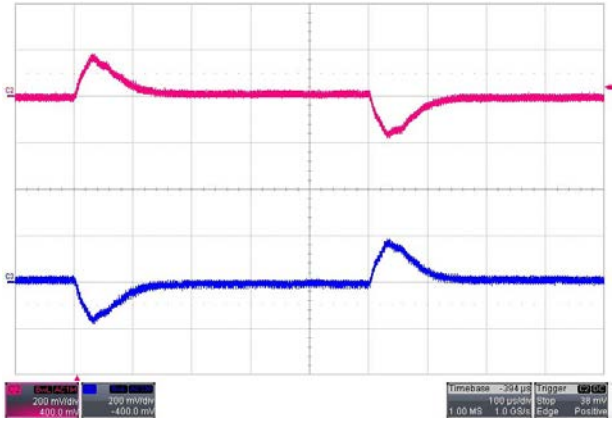


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

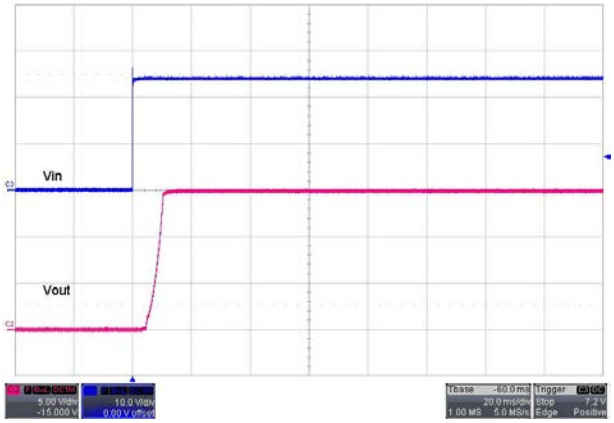
All test conditions are at 25℃.The figures are identical for PMM30-24D15W



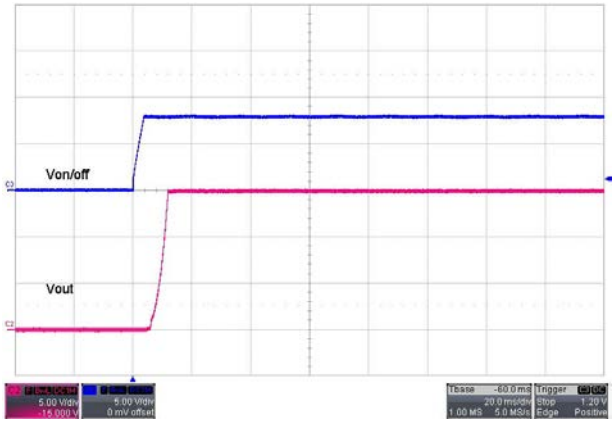
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

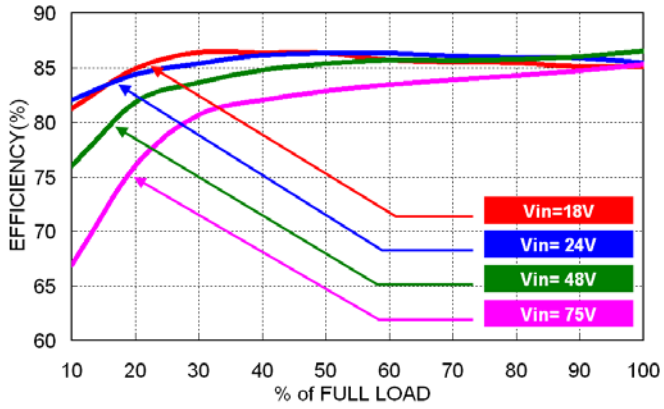


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

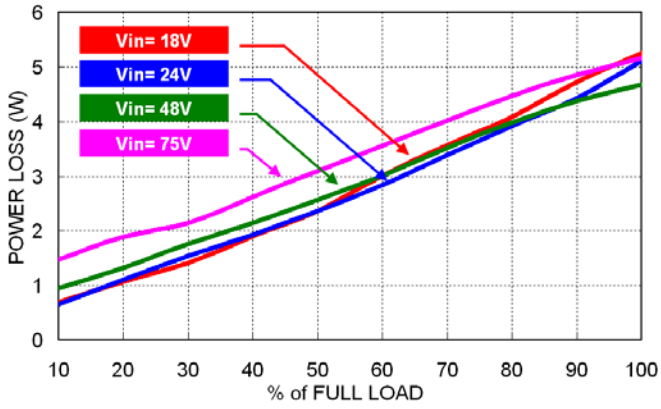


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

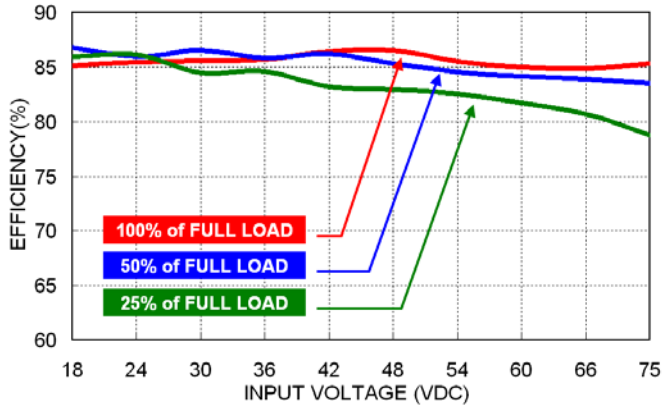
All test conditions are at 25℃.The figures are identical for PMM30-48D05W



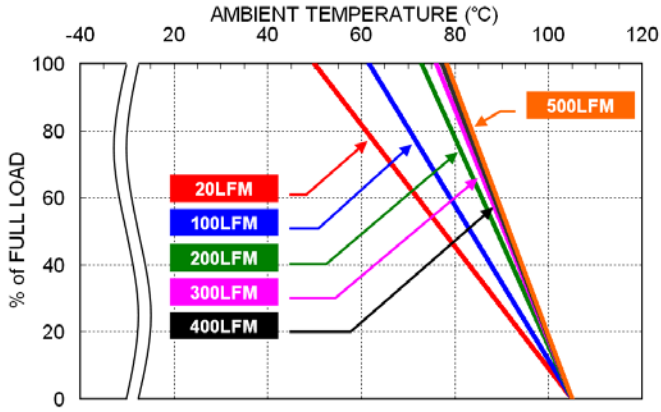
Efficiency Versus Output Load



Power Dissipation Versus Output Load

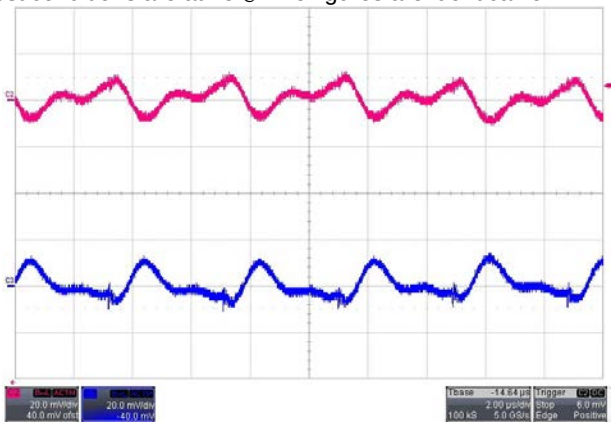


Efficiency Versus Input Voltage.

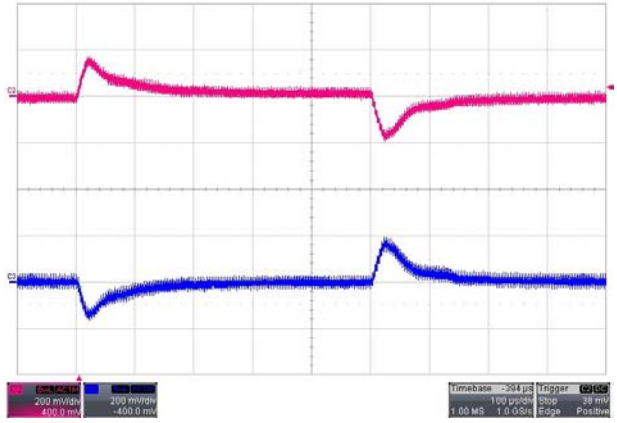


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

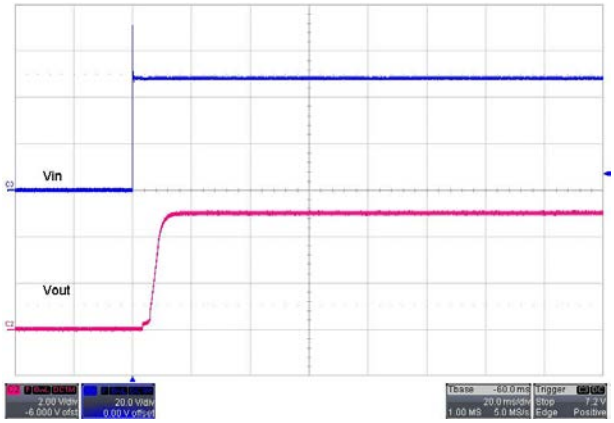
All test conditions are at 25℃.The figures are identical for PMM30-48D05W



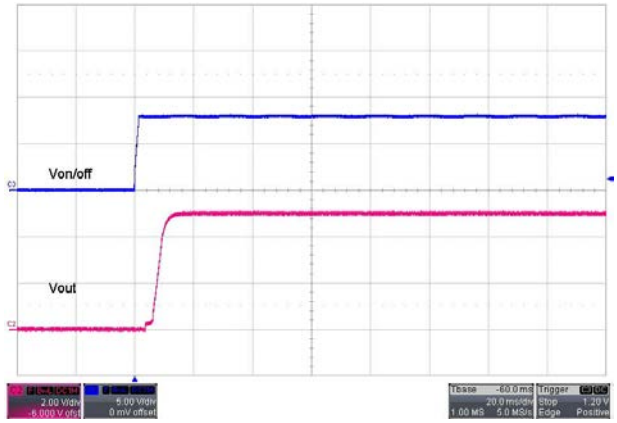
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

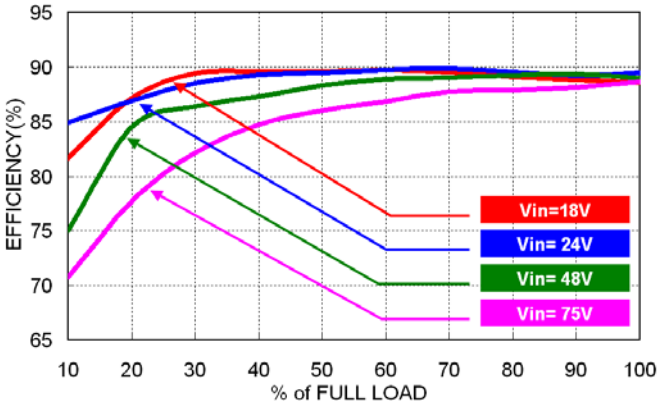


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

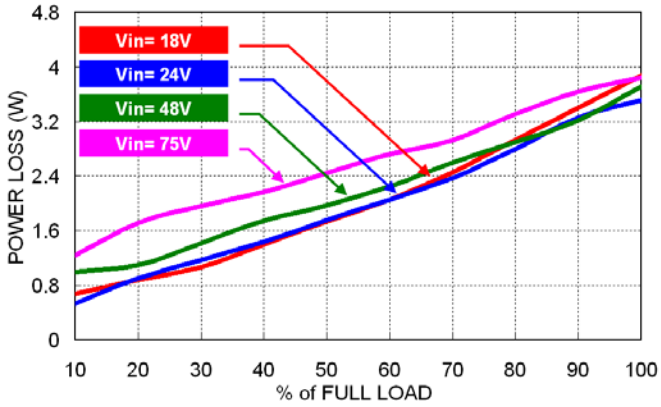


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

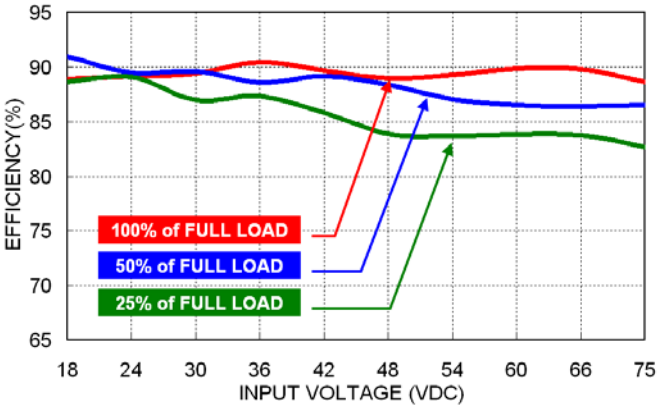
All test conditions are at 25℃.The figures are identical for PMM30-48D12W



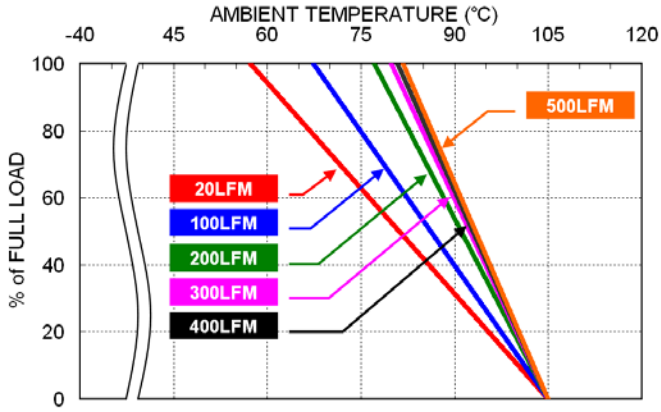
Efficiency Versus Output Load



Power Dissipation Versus Output Load

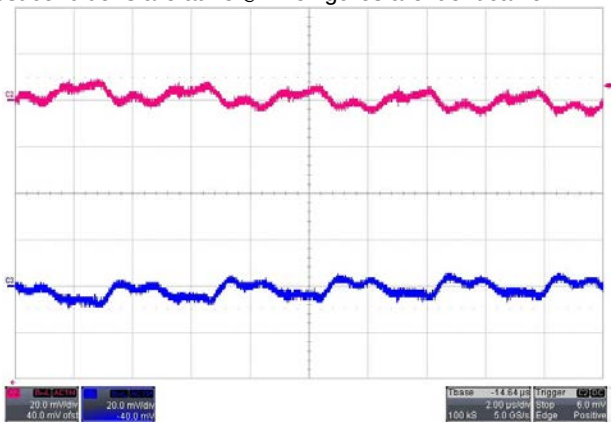


Efficiency Versus Input Voltage.

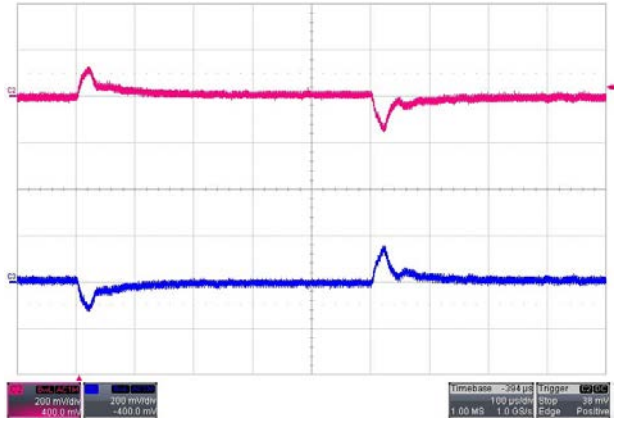


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

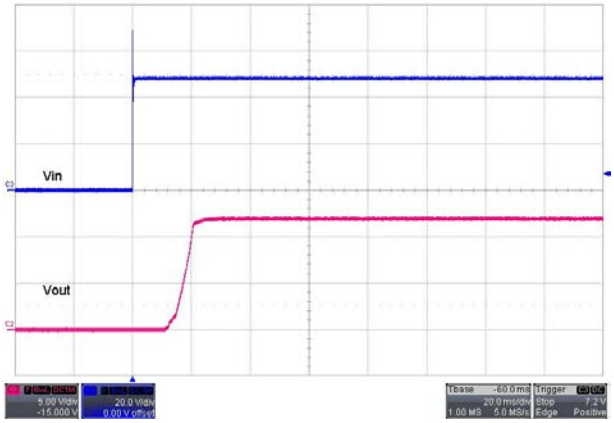
All test conditions are at 25℃.The figures are identical for PMM30-48D12W



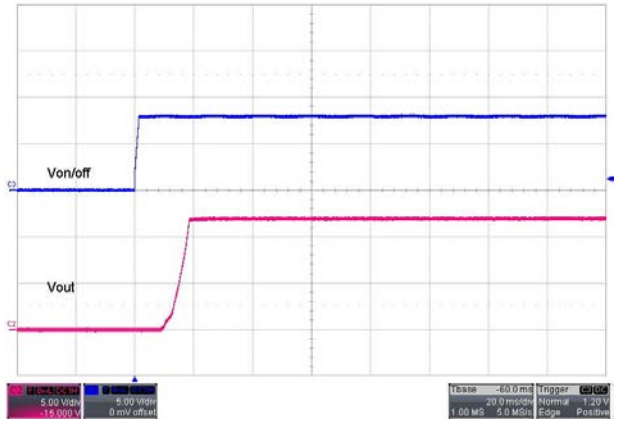
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)

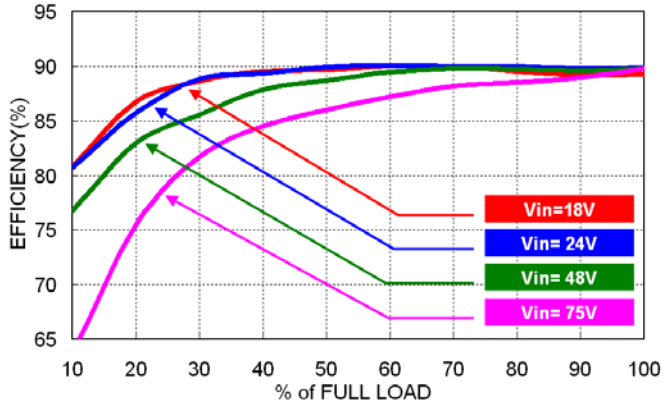


Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load

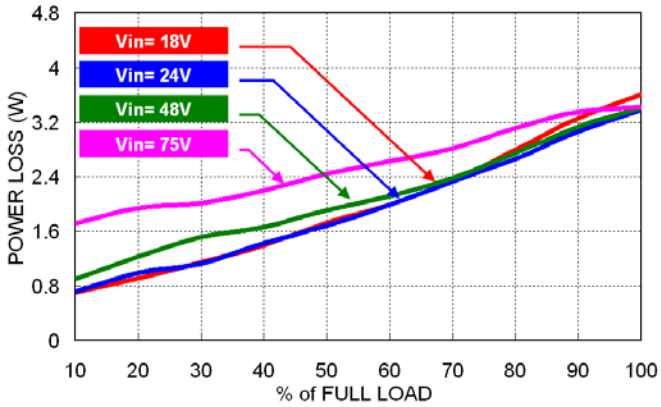


Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load

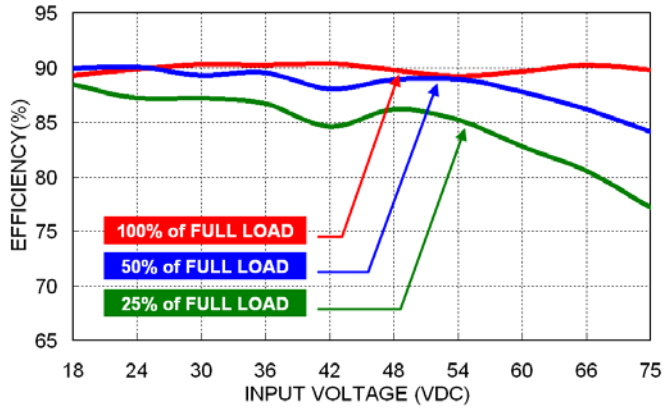
All test conditions are at 25℃.The figures are identical for PMM30-48D15W



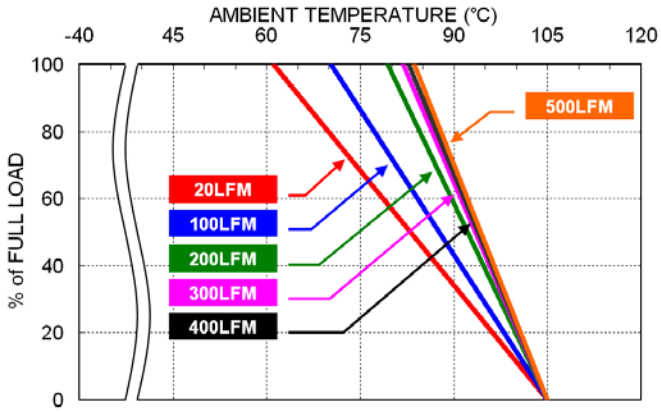
Efficiency Versus Output Load



Power Dissipation Versus Output Load

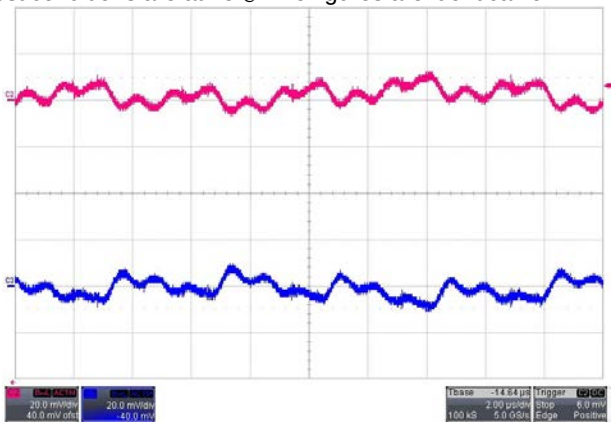


Efficiency Versus Input Voltage.

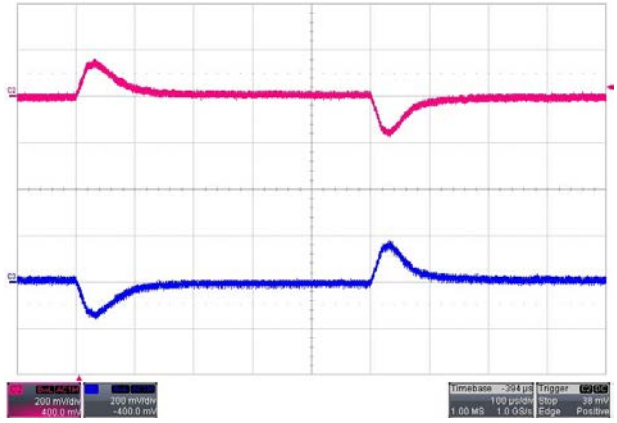


Derating Output Load Versus Ambient Temperature and Airflow
Vin(nom)

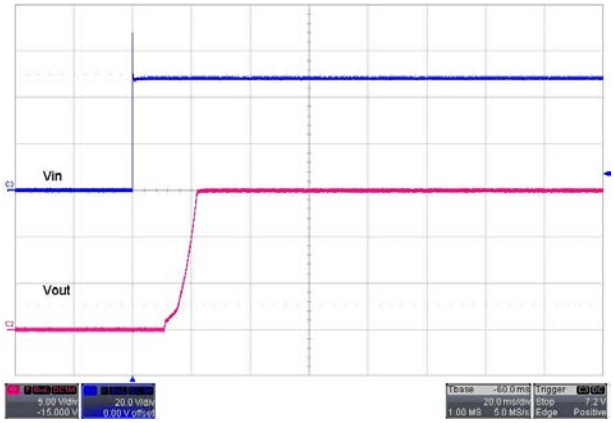
All test conditions are at 25℃.The figures are identical for PMM30-48D15W



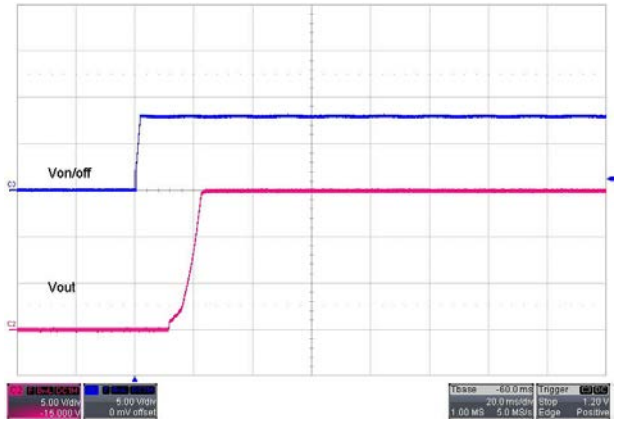
Typical Output Ripple and Noise.
Vin(nom), Full Load



Transient Response to Dynamic Load Change from
100% to 75% to 100% of Full Load ; Vin(nom)



Typical Input Start-Up and Output Rise Characteristic
Vin(nom), Full Load



Using ON/OFF Voltage Start-Up and Vo Rise Characteristic
Vin(nom), Full Load