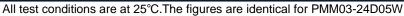
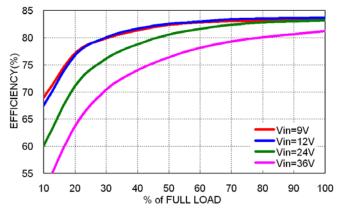
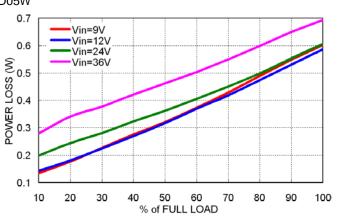
#### Characteristic Curves

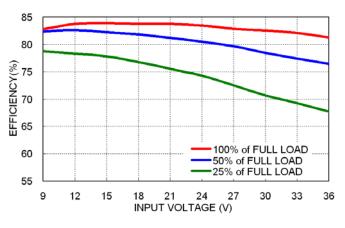




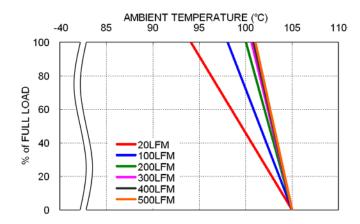
Efficiency versus Output Load



Power Dissipation versus Output Load



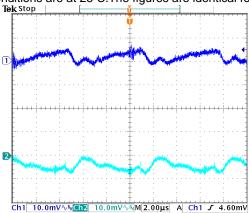
Efficiency versus Input Voltage Full Load



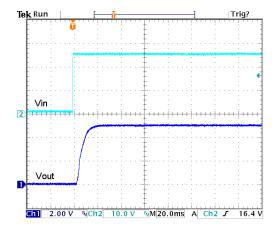
Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

## Characteristic Curves (Continued)

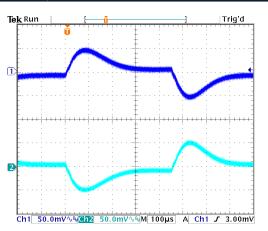
All test conditions are at 25°C. The figures are identical for PMM03-24D05W



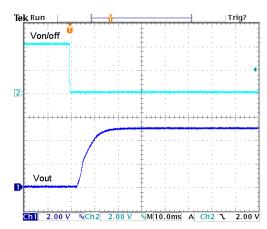
Typical Output Ripple and Noise. Vin(nom); Full Load



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

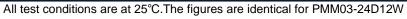


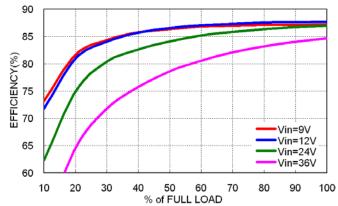
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin(nom)

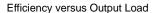


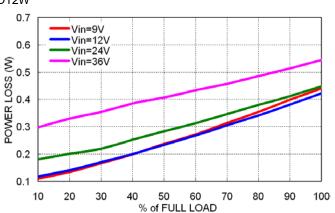
Using ON/OFF Voltage Start-Up and Output Rise Characteristic Vin(nom); Full Load

#### Characteristic Curves (Continued)

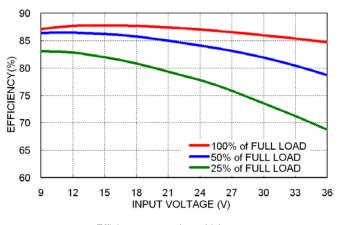




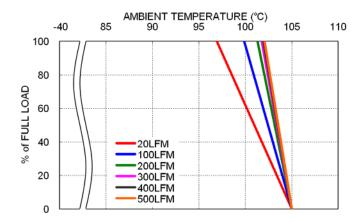




Power Dissipation versus Output Load

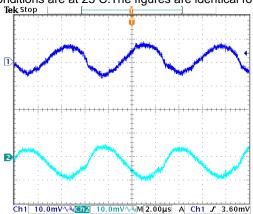


Efficiency versus Input Voltage Full Load

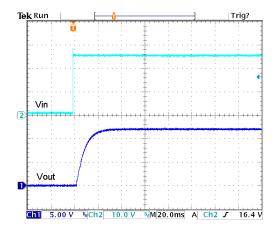


Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

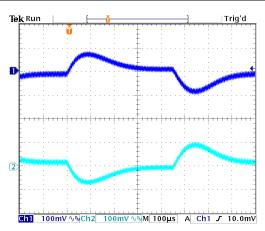
All test conditions are at 25°C. The figures are identical for PMM03-24D12W



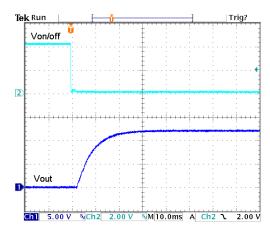
Typical Output Ripple and Noise. Vin(nom); Full Load



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

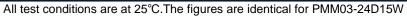


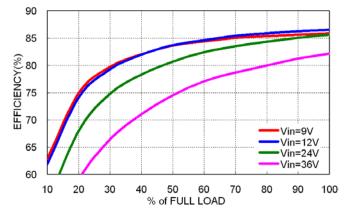
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin(nom)

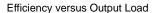


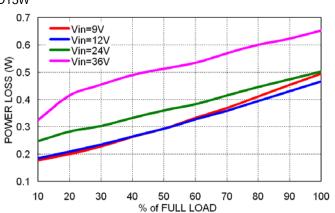
Using ON/OFF Voltage Start-Up and Output Rise Characteristic Vin(nom); Full Load

## Characteristic Curves (Continued)

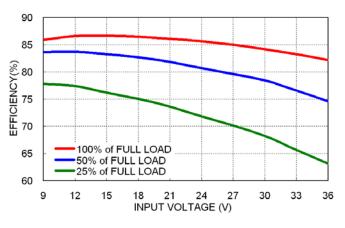




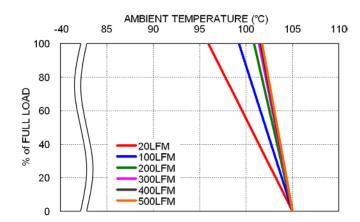




Power Dissipation versus Output Load

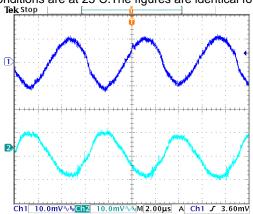


Efficiency versus Input Voltage Full Load

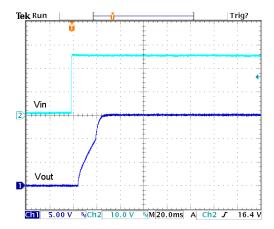


Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

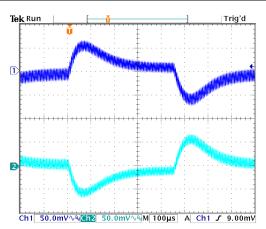
All test conditions are at 25°C. The figures are identical for PMM03-24D15W



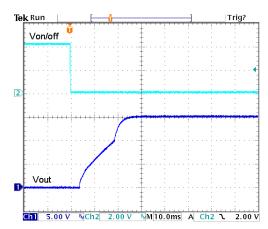
Typical Output Ripple and Noise. Vin(nom); Full Load



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



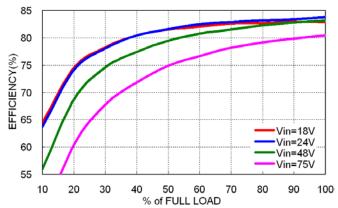
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin(nom)

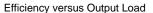


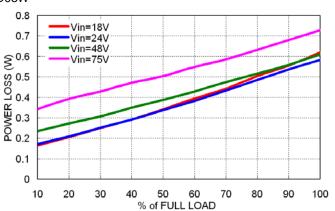
Using ON/OFF Voltage Start-Up and Output Rise Characteristic Vin(nom); Full Load

## Characteristic Curves (Continued)

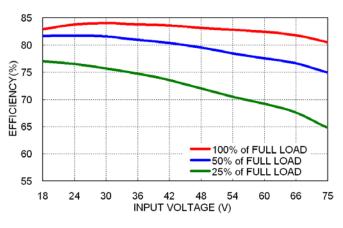
# All test conditions are at 25 $^{\circ}\text{C.The}$ figures are identical for PMM03-48D05W



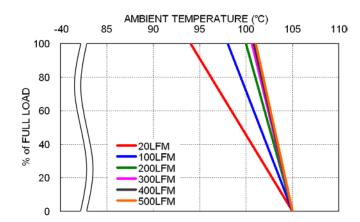




Power Dissipation versus Output Load

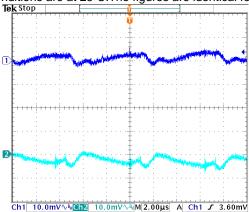


Efficiency versus Input Voltage Full Load

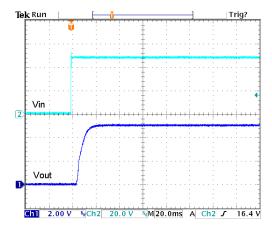


Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

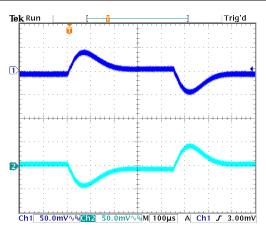
All test conditions are at 25°C. The figures are identical for PMM03-48D05W



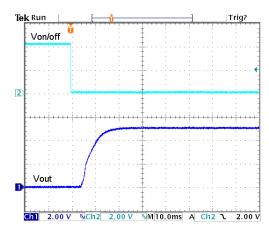
Typical Output Ripple and Noise. Vin(nom); Full Load



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

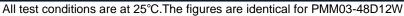


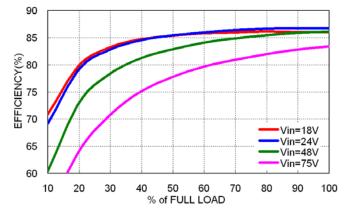
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin(nom)

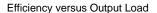


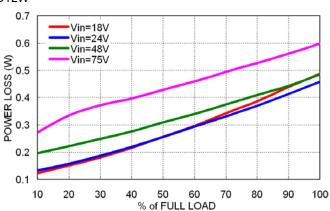
Using ON/OFF Voltage Start-Up and Output Rise Characteristic Vin(nom); Full Load

#### Characteristic Curves (Continued)

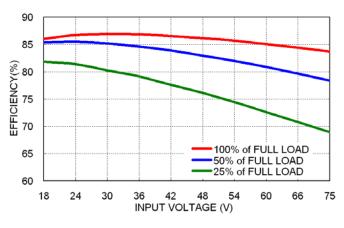




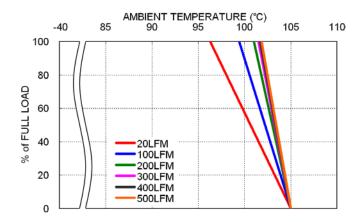




Power Dissipation versus Output Load



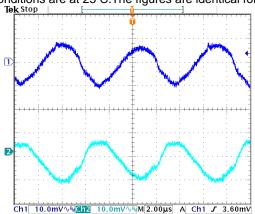
Efficiency versus Input Voltage Full Load



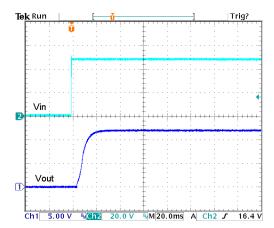
Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

## Characteristic Curves (Continued)

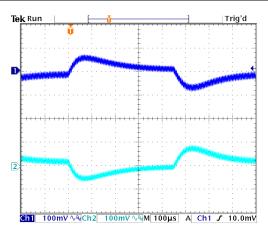
All test conditions are at 25°C. The figures are identical for PMM03-48D12W



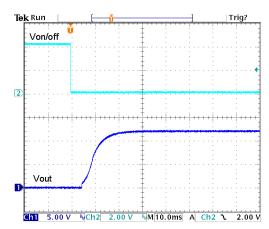
Typical Output Ripple and Noise. Vin(nom); Full Load



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

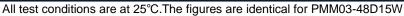


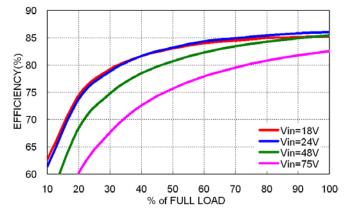
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin(nom)

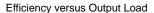


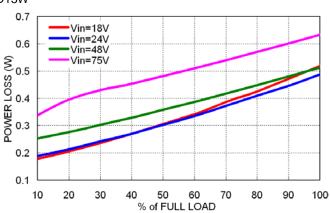
Using ON/OFF Voltage Start-Up and Output Rise Characteristic Vin(nom); Full Load

## Characteristic Curves (Continued)

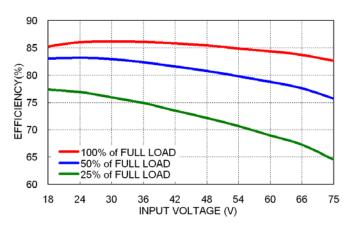




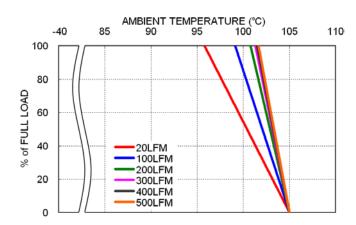




Power Dissipation versus Output Load



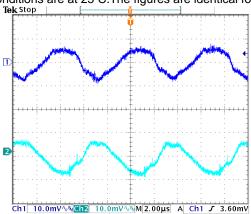
Efficiency versus Input Voltage Full Load



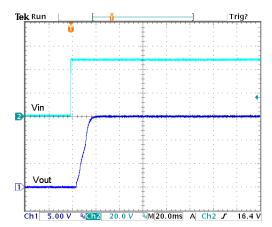
Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

## Characteristic Curves (Continued)

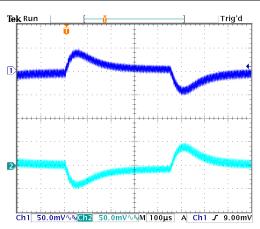
All test conditions are at 25°C. The figures are identical for PMM03-48D15W



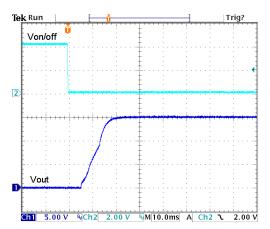
Typical Output Ripple and Noise. Vin(nom); Full Load



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



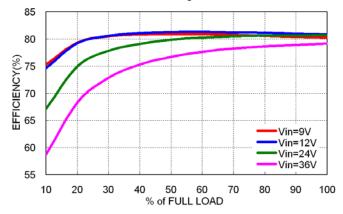
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin(nom)

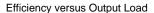


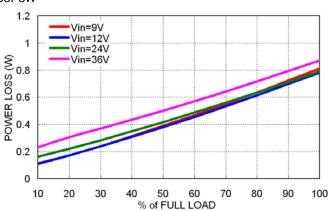
Using ON/OFF Voltage Start-Up and Output Rise Characteristic Vin(nom); Full Load

## Characteristic Curves (Continued)

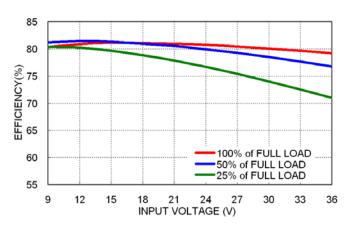




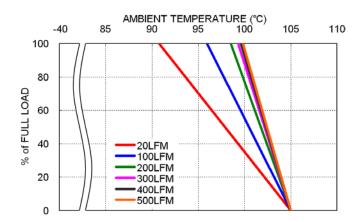




Power Dissipation versus Output Load

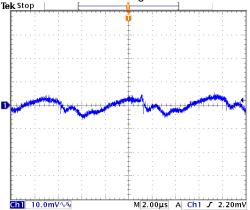


Efficiency versus Input Voltage Full Load

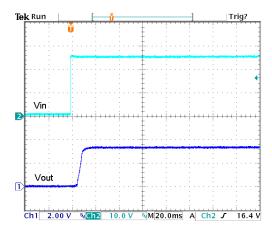


Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

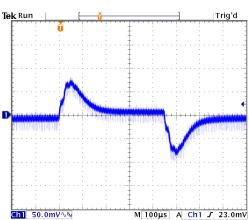
All test conditions are at 25°C. The figures are identical for PMM03-24S3P3W



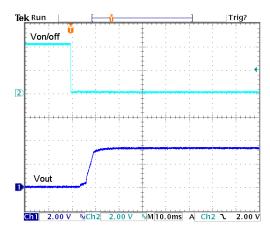
Typical Output Ripple and Noise. Vin(nom); Full Load



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

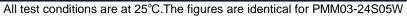


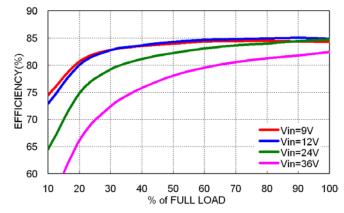
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin(nom)

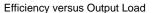


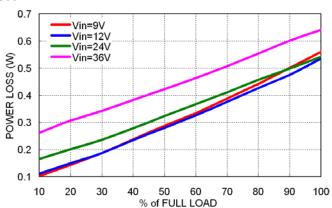
Using ON/OFF Voltage Start-Up and Output Rise Characteristic Vin(nom); Full Load

#### Characteristic Curves (Continued)

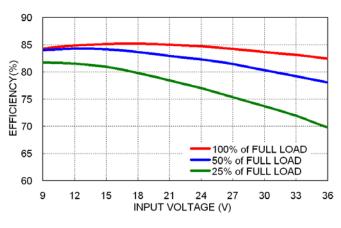




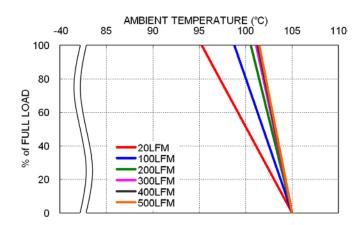




Power Dissipation versus Output Load



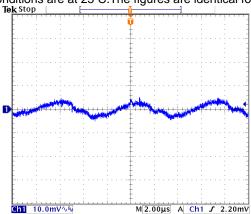
Efficiency versus Input Voltage Full Load



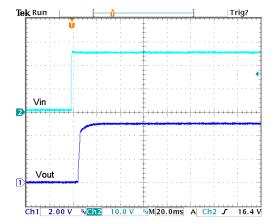
Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

#### Characteristic Curves (Continued)

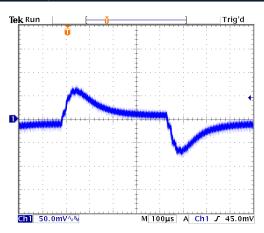
All test conditions are at 25°C. The figures are identical for PMM03-24S05W



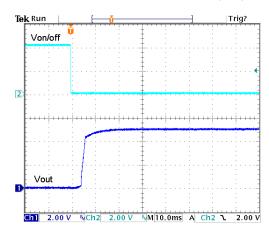
Typical Output Ripple and Noise. Vin(nom); Full Load



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



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



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

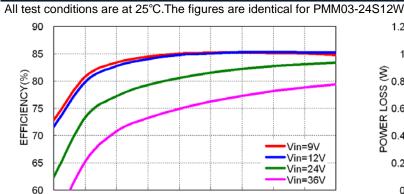
10

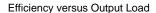
20

30

40

## Characteristic Curves (Continued)





50

% of FULL LOAD

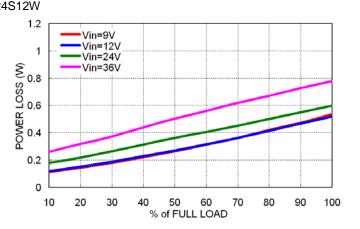
60

70

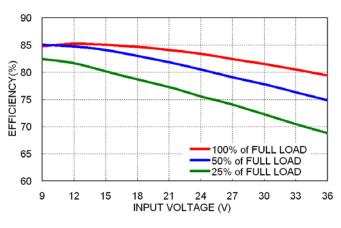
80

90

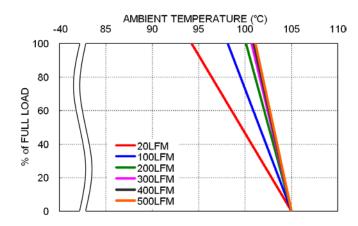
100



Power Dissipation versus Output Load

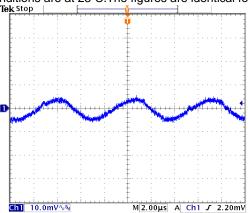


Efficiency versus Input Voltage Full Load

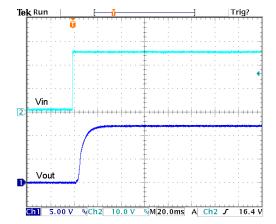


Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

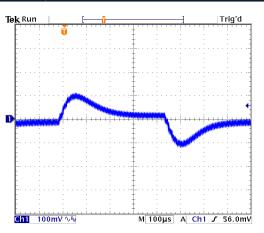
All test conditions are at 25°C. The figures are identical for PMM03-24S12W



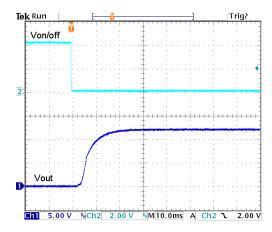
Typical Output Ripple and Noise. Vin(nom); Full Load



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

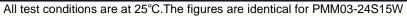


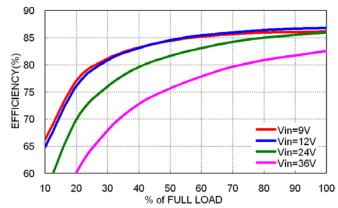
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin(nom)

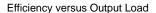


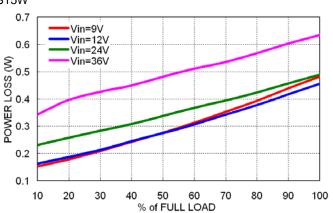
Using ON/OFF Voltage Start-Up and Output Rise Characteristic Vin(nom); Full Load

## Characteristic Curves (Continued)

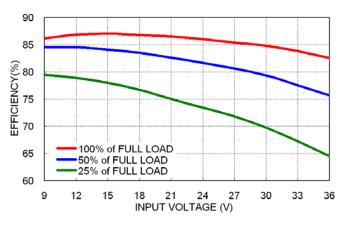




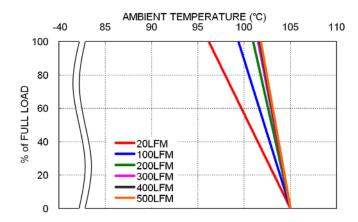




Power Dissipation versus Output Load

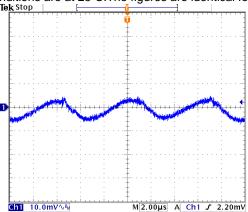


Efficiency versus Input Voltage Full Load

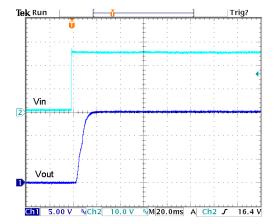


Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

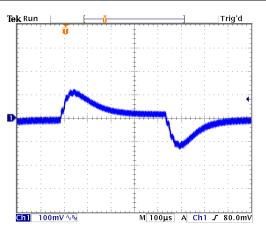
All test conditions are at 25°C. The figures are identical for PMM03-24S15W



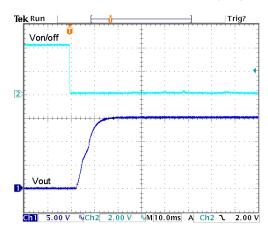
Typical Output Ripple and Noise. Vin(nom); Full Load



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

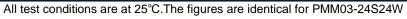


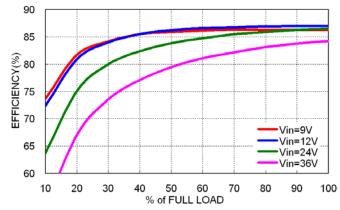
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin(nom)

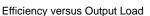


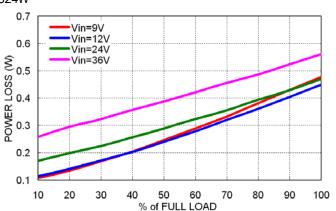
Using ON/OFF Voltage Start-Up and Output Rise Characteristic Vin(nom); Full Load



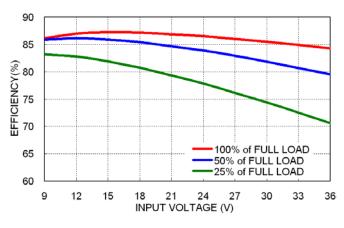




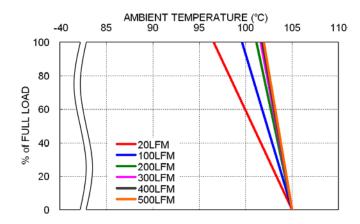




Power Dissipation versus Output Load



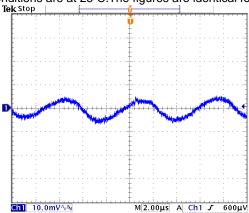
Efficiency versus Input Voltage Full Load



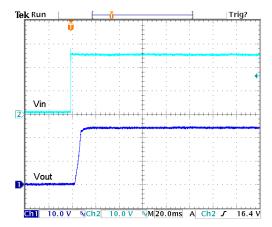
Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

## Characteristic Curves (Continued)

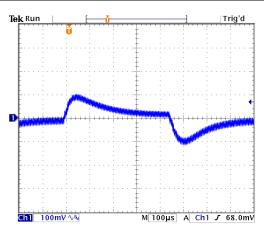
All test conditions are at 25°C. The figures are identical for PMM03-24S24W



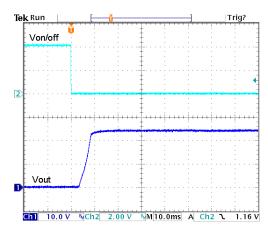
Typical Output Ripple and Noise. Vin(nom); Full Load



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



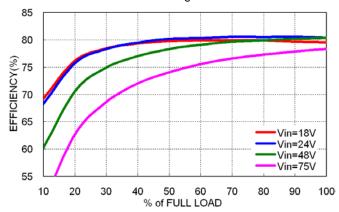
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin(nom)

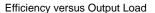


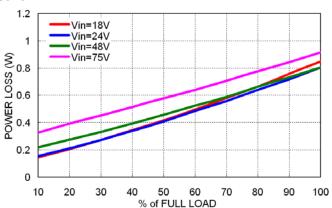
Using ON/OFF Voltage Start-Up and Output Rise Characteristic Vin(nom); Full Load

## Characteristic Curves (Continued)

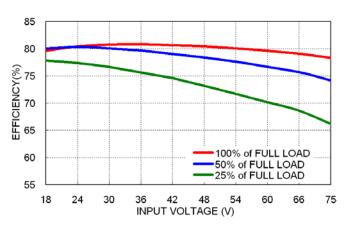
All test conditions are at 25°C.The figures are identical for PMM03-48S3P3W



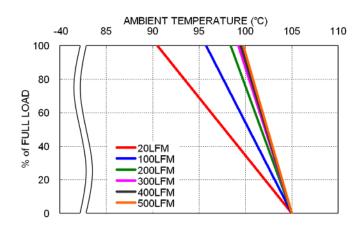




Power Dissipation versus Output Load



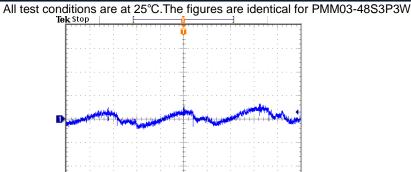
Efficiency versus Input Voltage Full Load



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

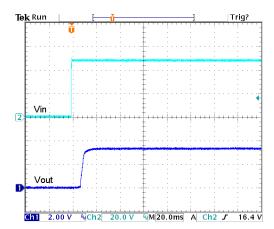
Ch1 10.0mV∿%



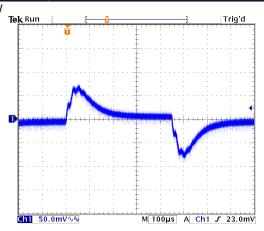


Typical Output Ripple and Noise. Vin(nom); Full Load

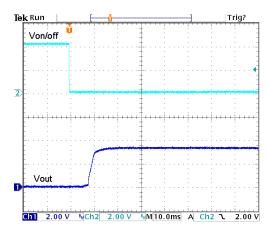
M 2.00μs A Ch1 J 3.00mV



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

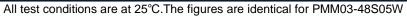


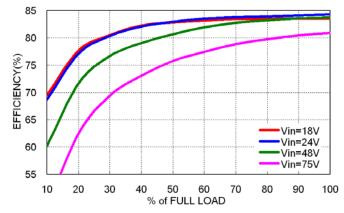
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin(nom)

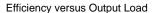


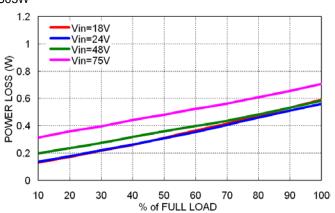
Using ON/OFF Voltage Start-Up and Output Rise Characteristic Vin(nom); Full Load

## Characteristic Curves (Continued)

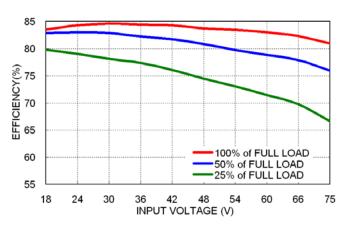




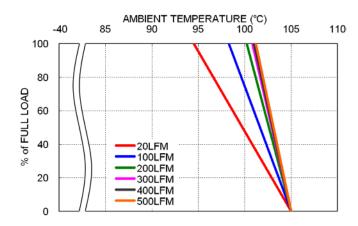




Power Dissipation versus Output Load

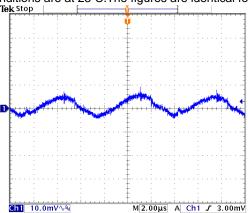


Efficiency versus Input Voltage Full Load

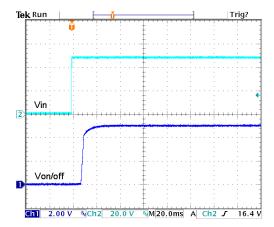


Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

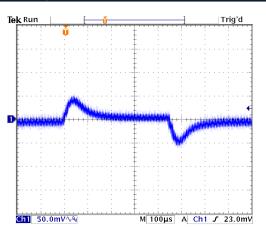
All test conditions are at 25°C. The figures are identical for PMM03-48S05W



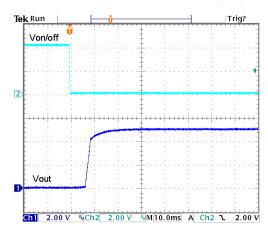
Typical Output Ripple and Noise. Vin(nom); Full Load



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

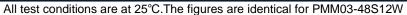


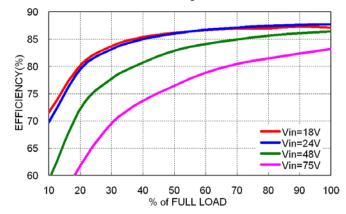
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin(nom)

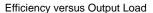


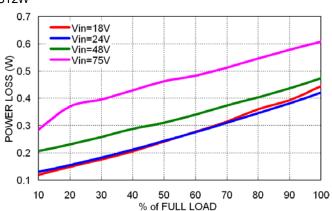
Using ON/OFF Voltage Start-Up and Output Rise Characteristic Vin(nom); Full Load



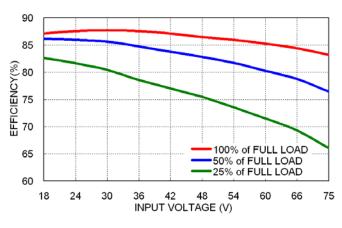




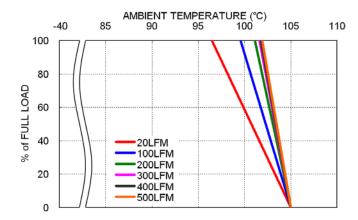




Power Dissipation versus Output Load

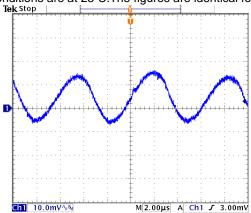


Efficiency versus Input Voltage Full Load

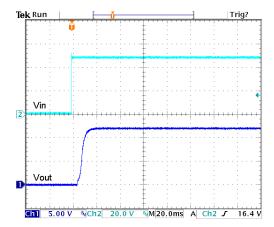


Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

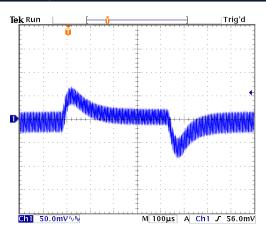
All test conditions are at 25°C. The figures are identical for PMM03-48S12W



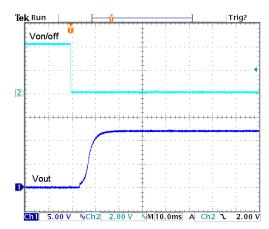
Typical Output Ripple and Noise. Vin(nom); Full Load



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

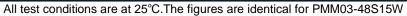


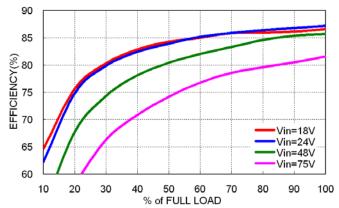
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin(nom)

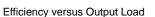


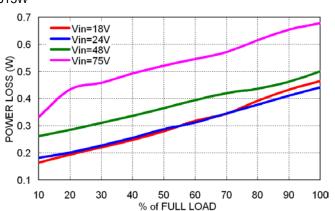
Using ON/OFF Voltage Start-Up and Output Rise Characteristic Vin(nom); Full Load

## Characteristic Curves (Continued)

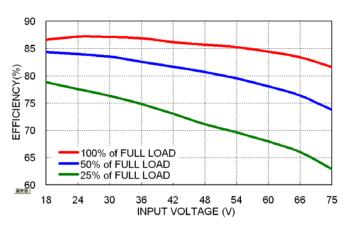




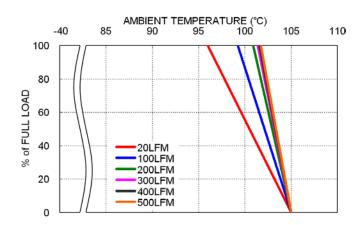




Power Dissipation versus Output Load

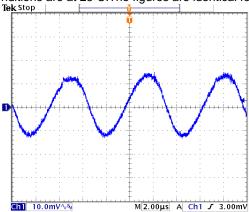


Efficiency versus Input Voltage Full Load

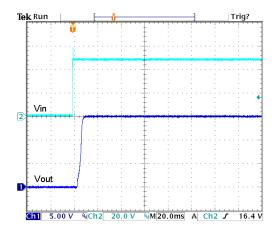


Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

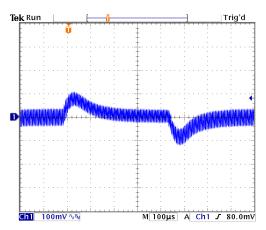
All test conditions are at 25°C. The figures are identical for PMM03-48S15W



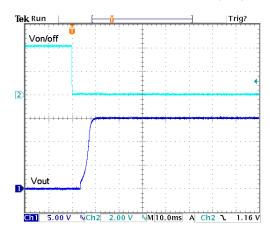
Typical Output Ripple and Noise. Vin(nom); Full Load



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

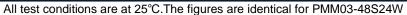


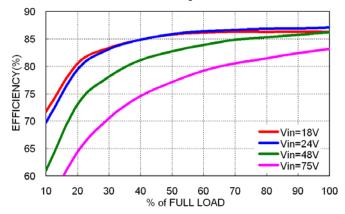
Transient Response to Dynamic Load Change from 100% to 75% to 100% of Full Load; Vin(nom)

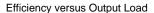


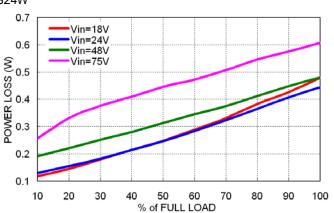
Using ON/OFF Voltage Start-Up and Output Rise Characteristic Vin(nom); Full Load

## Characteristic Curves (Continued)

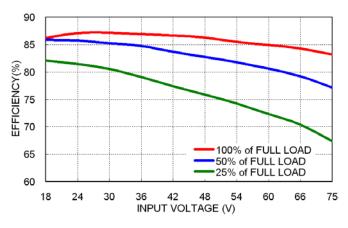




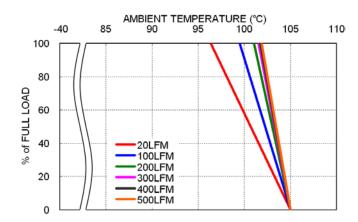




Power Dissipation versus Output Load



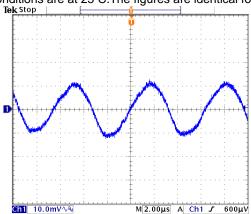
Efficiency versus Input Voltage Full Load



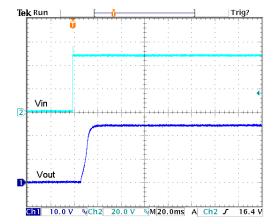
Derating Output Load versus Ambient Temperature and Airflow Vin(nom)

## Characteristic Curves (Continued)

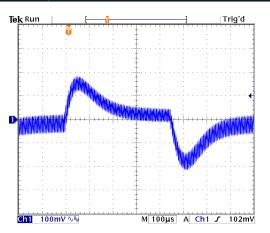
All test conditions are at 25°C. The figures are identical for PMM03-48S24W



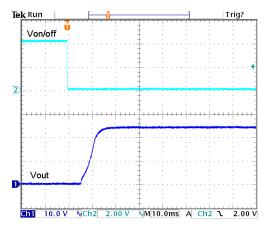
Typical Output Ripple and Noise. Vin(nom); Full Load



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



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



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