

Certificate



Certificate no.

TA 50413658 01

License Holder:

Powerbox AB
P O box 148
SE-Gnesta 64622
Sweden

Manufacturing Plant:

030-0000330828

Test report no.: ZTW1- 10028818 007

Client Reference: Powerbox-05012018-TU

Tested to: IEC 60601-1:2005+A1
EN 60601-1:2006+A11+A1+A12

Certified Product: (AC-DC Power Supply)

License Fee - Units

Type Designation	: OBP070xyf (POWERBOX)	5
x stands for	: 31, 37, 38, 46, 50, 57, 70	1
y stands for	: B or C	1
f stands for	: blank or '-SP'	1
Rated Voltage	: AC 100-240V, 47-63Hz	
Rated Current	: 4.6-2.3A	
Output Voltage	: see Appendix	
Output Current	: see Appendix	
max. Power Output	: see Appendix	
max. Ambient Temperature:	1) 50°C (for full output load) 2) 70°C (for half output load)	
Protection Class	: I	

This certificate is valid for maximum 5 years.

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Licensed Test mark:



IEC 60601-1
EN 60601-1

www.tuv.com
ID 1419060497

TÜV Rheinland Taiwan Ltd

Signature



Dipl.-Ing. (FH) A. Klinker

Date of Issue

(day/mo/yr)

24/07/2018

Appendix to TÜV approved Certificate No.: TA 50413658

Certified Product : AC-DC Power Supply

Report Number : 10028818 007

Type Designation : OBP070xyf (POWERBOX)

(x= 31, 37, 38, 46, 50, 57, 70; y=B or C, f= blank or "-SP")

Powerbox AB	When power supply without external cooling			When power supply with external cooling (7 CFM Fan)		
	Output Voltage [VDC]	Output Current [A]	Maximum Output Power [W]	Output Voltage [VDC]	Output Current [A]	Maximum Output Power [W]
OBP07031Bf	12	25	300	12	33.34	400
OBP07037Bf	15	20	300	15	26.67	400
OBP07038Bf	18	16.67	300	18	22.23	400
OBP07046Bf	24	12.50	300	24	16.67	400
OBP07050Bf	28	10.72	300	28	14.29	400
OBP07057Bf	36	8.34	300	36	11.12	400
OBP07070Bf	48	6.25	300	48	8.34	400

Note: 50°C at output full load, up to 70°C have to de-rating load from 100% at 50°C linearly to 50% at 70°C.

Powerbox AB	Output Voltage [VDC]	Output Current [A]	Maximum Output Power [W]
OBP07031Cf	12	33.34	400
OBP07037Cf	15	26.67	400
OBP07038Cf	18	22.23	400
OBP07046Cf	24	16.67	400
OBP07050Cf	28	14.29	400
OBP07057Cf	36	11.12	400
OBP07070Cf	48	8.34	400

Note: 50°C at output full load, up to 70°C have to de-rating load from 100% at 50°C linearly to 50% at 70°C.

Date: 24th July, 2018



Certification Body



Dipl.-Ing. (FH) A. Klinker