

Mascot 9887 Series

Max 50W Switch Mode Power Supplies

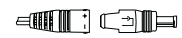
CoolPower
Solutions

- Max. 50 W output power
- Universal input voltage
- Compliance with relevant worldwide safety standards
- Exchangeable output plugs, providing:
 - reduced stocking requirements
 - short delivery lead times
 - snap-locks for added safety



Technical specifications

Input voltage:	90 - 264 VAC.
Max. output power:	50 W.
Load regulation:	± 5%
Line regulation:	± 0.5% maximum at full load.
Switch frequency:	47-63 kHz.
Inrush current:	<30 A (230 VAC) at 25°C cold start.
Hold up time:	> 16 ms.
Temperature range	
* Operating:	-0°C to +70°C.
* Storage:	-40°C to +85°C.
Derating:	Derated from 100% at +40°C linearly to 50% at +70°C.
Ripple:	1% p-p max..
Efficiency:	> 70% at max. load.
Current limiting:	Yes.
Overvoltage protection:	Yes.
Electrical safety standards:	EN 60950, UL 1950
EMC standards:	
* Emission:	EN 50081-1
* Immunity:	EN 50082-1
Reliability:	MTBF > 100.000 h at nominal load at 25°C ambient..
Mains connection:	IEC 320.
Output terminals:	Secondary cable w/exch. Plug
Dimensions (LxWxH):	146 x 76 x 43 mm (without plug).
Weight:	400-550 g



Exch. plugs

Some technical specifications may differ for other models and voltage versions.

Survey of voltage versions

Output voltage (VDC) ±5%	Load current (A)	Output power (W)
9	4,22	38
12	3,75	45
24	2,00	48