

3823 Max. 16 W

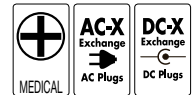
Power Supplies - switch mode



tech spec
Blueline

- Universal input voltage (90-264VAC)
- Fixed output voltages
- 2-pin IEC 60320 C8 connector
- Short circuit proof
- Exchangeable AC and DC plugs
- Order plugs and mains cord separately
- ECO-design compliance:
CoC Tier 2, DoE level VI, CEC, MEPS
- Approvals:
 - Medically certified
Safety: EN 60601-1 ed. 3.1
EMC: EN 60601-1-2 ed. 4
 - UL approved

For updates: see www.mascot.no



TECHNICAL SPECIFICATIONS *

GENERAL INPUT/OUTPUT

Input voltage:	90-264 VAC, 47-63 Hz
Line frequency:	47 - 63 Hz
Load regulation:	< 4 %
Mains regulation:	< 2 %
Switch frequency approx.:	65 kHz
Overshoot:	
(90 - 10% load variation)	<250 mV
Undershoot:	
(10 - 90% load variation)	<350 mV
Temperature range	
• Operating:	-20 - +40°C
• With derating:	+ 60°C
• Storage:	-25 - +85°C
Derating:	0,38W/°C over 40°C
Ripple:	< 300 mV p-p
Efficiency:	approx. 87 % at full load
Standby power:	≤ 0,075 W
Dimensions (LxWxH):	85 × 50 × 29mm
Weight:	130g

SAFETY PROTECTION EMC

Insulation class:	II
Insulation voltage	
Primary - secondary:	4000 VAC / 5700 VDC
Electrical safety std:	EN/IEC/ANSI 60601-1
EMC standards	
• Medical:	EN 60601-1-2
• Emission:	EN 61000-6-3
• Immunity:	EN 61000-6-1
Input terminal:	Exch. AC plugs, 2 pin IEC 320 C8 conn.
Output terminal:	Cord with/without plug, exch. plugs available

* Some technical specifications may differ for other voltage versions.

VERSIONS

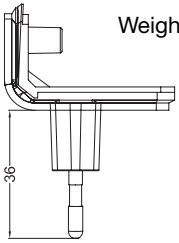
Output (V) +/- 2,5%	Max. current (A)	Max. output power (W)
5	2.4	12
6	2	12
7,5	1.6	12
9	1.33	12
12	1.33	16
15	1.06	16
18	0.88	16
24	0.66	16



Exchangeable AC plugs

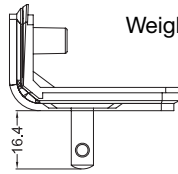
EU plug adapter

Part no. 127000
Weight: 20,9 g



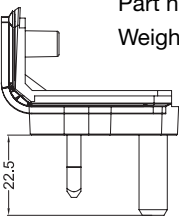
US plug adapter

Part no. 127100
Weight: 13,4 g



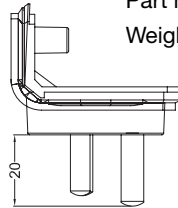
UK plug adapter

Part no. 127200
Weight: 29,2 g



AUS plug adapter

Part no. 127300
Weight: 21,4 g



2-pin IEC 60320 C7 mains cord
1800 mm
EU part no. 131306, UK part no. 131148,
US part no. 131368, AU part no. 013108

