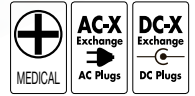


- Universal input voltage (90-264VAC)
  - Fixed output voltages
  - Short circuit proof
  - Exchangeable AC and DC plugs
  - Order plugs and mains cord separately
  - ECO-design compliance:  
CoC Tier 2, DoE level VI, CEC, MEPS
  - Approvals:
    - Medically certified  
Safety: EN 60601-1 ed. 3.1  
EMC: EN 60601-1-2 ed. 4
    - UL approved
- For updates: see [www.mascot.no](http://www.mascot.no)



**TECHNICAL SPECIFICATIONS\***

**GENERAL INPUT/OUTPUT**

<b>Input voltage:</b>	90-264 VAC, 47-63 Hz
<b>Line frequency:</b>	47 - 63 Hz
<b>Load regulation:</b>	< 1%
<b>Mains regulation:</b>	< 0,5%
<b>Switch frequency approx.:</b>	65 kHz
<b>Overshoot:</b>	
<b>(90 - 10% load variation)</b>	<250 mV
<b>Undershoot:</b>	
<b>(10 - 90% load variation)</b>	<300 mV
<b>Temperature range</b>	
• <b>Operating:</b>	-20 - +40°C
• <b>With derating:</b>	+ 60°C
• <b>Storage:</b>	-25 - +85°C
<b>Derating:</b>	0.7W/°C over 40°C
<b>Ripple:</b>	< 100 mV p-p
<b>Efficiency:</b>	Approx. 88.5 % at full load
<b>Standby power:</b>	< 0.075 W
<b>Dimensions (LxWxH):</b>	101 x 48.5 x 37mm
<b>Weight</b>	212g

**SAFETY PROTECTION EMC**

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

\* Some technical specifications may differ for other voltage versions.

**VERSIONS**

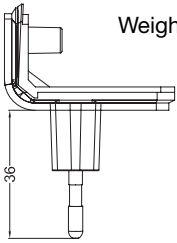
Output (V) +/- 2,5%	Max. current (A)	Max. output power (W)
5	4	20
6	3.33	20
7.5	3.73	28
9	3.11	28
12	2.33	28
15	1.86	28
18	1.55	28
24	1.16	28



## Exchangeable AC plugs

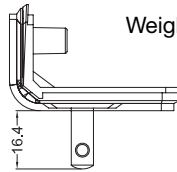
### EU plug adapter

Part no. 127000  
Weight: 20,9 g



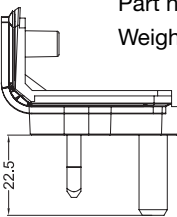
### US plug adapter

Part no. 127100  
Weight: 13,4 g



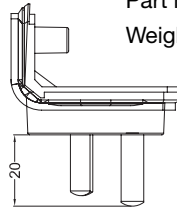
### UK plug adapter

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

