

- 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>	65~95 kHz
<b>Overshoot:</b>	
<b>(90 - 10% load variation):</b>	<200 mV
<b>Undershoot:</b>	
<b>(10 - 90% load variation):</b>	<350 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>	1W/°C over 40°C
<b>Ripple:</b>	< 130 mV p-p
<b>Efficiency:</b>	Approx. 89 % at full load
<b>Standby power:</b>	< 0,075 W
<b>Dimensions (L×W×H):</b>	124 × 50 × 37mm
<b>Weight:</b>	240g

**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	5	25
6	4.16	25
7.5	3.33	25
9	4.67	42
12	3.5	42
15	2.8	42
18	2.33	42
24	1.75	42