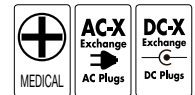


- Universal input voltage (90-264VAC)
- Fixed output voltages
- Output terminals: fixed cord, USB (5V) or modular 4P4C (RJ22)
- Input: 2-pin IEC 60320 C8 connector
- Exchangeable AC and DC plugs
- Order plugs and mains cord separately
- ECO-design compliance: CoC Tier 2, DoE level VI, CEC, MEPS
- Short circuit proof
- 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 12 V\***



**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> | 20-30 kHz                   |
| <b>Overshoot:</b>                |                             |
| <b>(90 - 10% load variation)</b> | <300 mV                     |
| <b>Undershoot:</b>               |                             |
| <b>(10 - 90% load variation)</b> | <300 mV                     |
| <b>Temperature range</b>         |                             |
| • <b>Operating:</b>              | -25 - +40°C                 |
| • <b>With derating:</b>          | + 60°C                      |
| • <b>Storage:</b>                | -25 - +85°C                 |
| <b>Derating:</b>                 | 180mW/°C over 40°C          |
| <b>Ripple:</b>                   | < 120 mV p-p                |
| <b>Efficiency:</b>               | approx. 80.5 % at full load |
| <b>Standby power:</b>            | ≤ 0,075 W                   |
| <b>Dimensions (L×W×H):</b>       | 86 × 50 × 29mm              |
| <b>Weight:</b>                   | 75g                         |

**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,<br>2 pin IEC 320 C8 conn.                                    |
| <b>Output terminal:</b>       | USB, Modular 4P4C (RJ22)<br>Cord with/without plug,<br>exch. plugs available |

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

**VERSIONS**

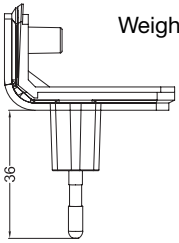
| Output (V) +/- 5% | Max. current (A) | Max. output power (W) |
|-------------------|------------------|-----------------------|
| 5                 | 1                | 5                     |
| 9                 | 0.8              | 7.2                   |
| 12                | 0.6              | 7.2                   |



## Exchangeable AC plugs

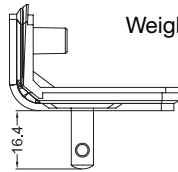
### EU plug adapter

Part no. 127000  
Weight: 20,9 g



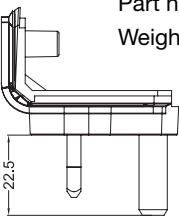
### US plug adapter

Part no. 127100  
Weight: 13,4 g



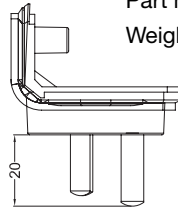
### UK plug adapter

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

