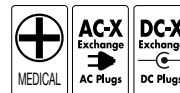


- Universal input voltage
  - Short circuit proof
  - Exchangeable AC and DC plugs
  - Eco-design (ERP-directive) compliant
  - Approvals:
    - Medically certified EN 60601-1 3ed
    - UL approved
    - For updates: see [www.mascot.no](http://www.mascot.no)
- Universal inngangsspenning
  - Kortslutningssikker
  - Utskiftbare AC og DC plugger
  - Møter kravene i Øko-design direktivet (ERP)
  - Godkjenninger:
    - Medisinsk sertifisert 60601-1 3ed
    - UL godkjent
    - For oppdat.: se [www.mascot.no](http://www.mascot.no)


**Preliminary  
Technical specifications**
**Foreløpige  
Tekniske data**
**12 V\***

Input voltage:	Inngangsspenning:	90-264 VAC, 47-63 Hz
Line frequency:	Frekvensområde:	47 - 63 Hz
Load regulation:	Lastregulering:	< 1%
Mains regulation:	Linjeregulering:	< 0,5%
Switch frequency approx.:	Svitsjefrekvens ca.:	45 kHz
Overshoot: (90 - 10% load variation)	Oversving (90-10% lastvariasjon):	<200 mV
Undershoot: (10 - 90% load variation)	Undersving (10-90% lastvariasjon):	<250 mV
Temperature range	Temperaturområde	
• Operating:	• Drift:	-20 - +40°C
• With derating:	• Med derating:	+ 60°C
• Storage:	• Lagring:	-25 - +85°C
Derating:	Derating:	0.38W/°C over 40°C
Ripple:	Rippel:	< 120 mV p-p
Efficiency:	Virkningsgrad:	> 82 % at full load
Standby power:	Strømforbruk på tomgang:	≤ 0,3 W
Insulation class:	Isolasjonsklasse:	II
Insulation voltage	Isolasjonsspenning	
• Primary - secondary:	• Primær - sekundær:	4000 VAC / 5700 VDC
Electrical safety standard:	Elektrisk sikkerhetsstandard:	EN/IEC/ANSI 60601-1 3ed
EMC standards	EMC standarder	
• Medical:	• Medisinsk:	EN 60601-1-2
• Emission:	• Emisjon:	EN 61000-6-3
• Immunity:	• Immunitet:	EN 61000-6-1
Output terminals:	Utgangsterminaler:	Cord with/without plug, exch. plugs available Sek.ledn. m/u plugg, tilgj. med utskiftb. plugger
Dimensions (LxWxH):	Ytre mål (LxBxH):	103.5 × 46.8 × 38.7mm
Weight:	Vekt:	200g

\* Some technical specifications may differ for other models and voltage versions. / Visse tekniske data kan variere for de forskjellige modeller og spenningsversjoner.

**Voltage versions - Spenningsversjoner**

Output (V) +/- 2,5% Utgang (V) +/- 2,5%	Max. current (A) Maks. strøm (A)	Max. output power (W) Maks. utgangseffekt (W)
5	3	15
6	2.5	15
7.5	2	15
9	2.5	22.5
12	2.33	28
15	1.86	28
18	1.55	28
24	1.16	28



## Exchangeable AC plug models

### Modeller med utskiftbare AC plugger

SMALL HOUSING		
Base model / Grunnmodell		w exch. AC plug
Type	Description / Beskrivelse	Type
2220	AC/DC PSU, max 16W	2221
2924	AC/DC PSU, max 16W	2926
3326	AC/DC PSU, max 28W	3326
2115	NiMH battery charger, max 1,3A	2116
2240	Lead Acid batt. charger, max 1,3A	2241
2240 LI	Li.Ion batt. charger, max 1,3A	2241 LI
2240 LiFePO <sub>4</sub>	LiFePO <sub>4</sub> batt. charger, max 1,3A	2241 LiFePO <sub>4</sub>
Additional housing weight (excl. plug/cord) + 15 g Tilleggsvekt (uten plugg/ledning) + 15 g		

MEDIUM HOUSING		
Base model / Grunnmodell		w exch. AC plug
Type	Description / Beskrivelse	Type
9921	AC/DC PSU, max 40W	9926
2720	AC/DC PSU, max 40W	2721
3020	AC/DC PSU, max 60W	3021
2541	Lead Acid batt. charger, max 2,2A	2542
9940	Lead Acid batt. charger, max 2,3A	9941
2215	LiMH battery charger, max 35W	2216
9940 LI	Li.Ion batt. charger, max 2,3A	9941 LI
2541 LI	Li.Ion batt. charger, max 2,7A	2542 LI
2541 LiFePO <sub>4</sub>	LiFePO <sub>4</sub> batt. charger, max 1,3A	2542 LiFePO <sub>4</sub>
Additional housing weight (excl. plug/cord) + 27 g Tilleggsvekt (uten plugg/ledning) + 27 g		



**2-pin IEC 320 C7 mains cord**  
 1800 mm EU part no. 131306  
 UK part no. 131148, US part no. 131147, AU part no. 013108

