

AC/DC SWITCH MODE POWER SUPPLIES

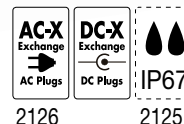
tech spec

2124 - 2-pin IEC 320

2125 - fixed mains cord/fast nettleledning

2126 - exchangeable AC plugs/utskiftbare

- Universal input voltage
- Short circuit proof
- Overvoltage protection
- Exchangeable AC and DC plugs
- Mounting brackets available
- Order mains cord separately
- Waterproof (IP67) version available
- Approvals:
 - Complies with medical std. (EN 60601)
 - UL approved on request
 - For updates: see www.mascot.no
- Universal inngangsspenning
- Kortslutningssikker
- Overspenningsbeskyttet
- Utskiftbare AC og DC plugger
- Festebraketter kan leveres
- Nettleledning best. separat
- Vanntett (IP67) versjon kan leveres
- Godkjenninger:
 - Tilfredstiller medisinsk std. (EN 60601)
 - UL godkjent på forespørsel
 - For oppdat.: se www.mascot.no



2126

2125

Technical specifications

Tekniske data

13,2 V*

Input voltage:	Inngangsspenning:	90-264 VAC, 50/60 Hz
Line Frequency:	Frekvensområde:	47 - 63 Hz
Min. output current:	Min. laststrøm:	0 A
Max. output power:	Maks. utgangseffekt:	16W
Load regulation:	Lastregulering:	< 1%
Mains regulation:	Linjeregulering:	< 0,5%
Switch frequency approx.:	Svitsjefrekvens ca.:	40 kHz
Overshoot: (90 - 10% load variation)	Oversving (90-10% lastvariasjon):	<200 mV
Undershoot: (10 - 90% load variation)	Undersving (10-90% lastvariasjon):	>500 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:	< 100 mV p-p
Efficiency:	Virkningsgrad:	ca 83 %
Insulation class:	Isolasjonsklasse:	II
Insulation voltage	Isolasjonsspenning	
• Primary - secondary:	• Primær - sekundær:	3000 VAC / 4250 VDC
Safety:	Sikkerhet:	EN 60950, UL / EN 60601-1
EMC standards	EMC standarder	
• Emission:	• Emisjon:	EN 61000-6-3
• Immunity:	• Immunitet:	EN 61000-6-1
Output terminal:	Utgangsterminaler:	Cable with/without plug, exch. plugs available Sek.ledn. m/u plugg, tilgj. med utskiftb. plugger
Dimensions (LxWxH):	Ytre mål (LxBxH):	90 x 45 x 32mm (2124, 2125)
Weight:	Vekt:	115g (215g IP67 vers.)

* 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)	Input Voltage (VDC) Inngangsspenning (VDC)
6	1,5	9	
9	1,5	13,5	20-60 (2125)
13,2	1,2	15	
16	1,0	16	
24	0,65	16	
48	0,33	16	



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 ₄	LiFePO ₄ batt. charger, max 1,3A	2241 LiFePO ₄
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 ₄	LiFePO ₄ batt. charger, max 1,3A	2542 LiFePO ₄
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

