

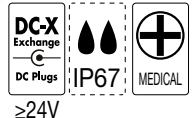
**2820-3220** Max. 100 W

**AC/DC power supplies - switch mode**

3220: Autodetect 115/230 VAC

**MASCOT**  
**tech spec**

- Fixed output voltages
- High efficiency and low standby power (ErP Directive)
- 2-pin IEC 320 connector
- Order mains cord separately
- Mounting bracket available
- Exchangeable DC plugs ( $\geq 24V$ )
- Waterproof (IP67) version available
- Approvals:
  - Medically certified std EN 60601 3ed
  - For updates: see [www.mascot.no](http://www.mascot.no)
- Faste utgangsspenninger
- Høy virkningsgrad og lav tomgangsstrøm (ErP Direktivet)
- 2-pin IEC 320 nettkontakt
- Nettledning best. separat
- Festebrakett som tilbehør
- Utskiftbare DC plugger ( $\geq 24V$ )
- Vanntett (IP67) versjon kan leveres
- Godkjenninger:
  - Medisinsk sertifisert EN 60601 3ed
  - For oppdat.: se [www.mascot.no](http://www.mascot.no)



### Technical specifications

### Tekniske data

Input voltage:	Inngangsspenning:	198-264VAC
Line frequency:	Frekvensområde:	47 - 63Hz
Min. output current:	Min laststrøm:	0A
Load regulation:	Lastregulering:	<1%
Mains regulation:	Linjeregulering:	<0.5%
Ripple:	Rippel:	< 50mV p-p
Efficiency (100% load):	Virkningsgrad (100% last):	> 90%
Standby power:	Strømforbruk, tomgang:	< 0,5 W
Switch frequency approx.:	Switchfrekvens ca.:	60-65 kHz
Hold up time:	Hold up time:	> 20ms
Temperature range	Temperaturområde	
• Operating:	• Drift:	-20 °C - +40 °C
• With derating:	• Med derating:	+60 °C
• Storage:	• Lagring:	-25 °C - +85 °C
Derating:	Derating:	2.5W/ °C over 40 °C
Electrical safety standard:	Elektrisk sikkerhetsstandard:	EN 60950, EN 60601-1
Insulation class:	Isolasjonsklasse:	Class II
Insulation voltage	Isolasjonsspenning	
• Primary - secondary:	• Primær - sekundær:	4000VAC / 5700VDC
EMC standards	EMC standarder	
• Medical	• Medisinsk	EN 60601-1-2
• Emission	• Emisjon	EN 61000-6-3
• Immunity	• Immunitet	EN 61000-6-1
Reliability (MIL-HDBK-217F):	Pålitelighet (MIL-HDBK-217F):	MTBF > 100.000hrs at 25°C and full load
Input terminal:	Inngangsterminal:	2-pin IEC 320
Output terminal:	Utgangsterminal:	Cable with / without plug Sekundærled. m/u. plugg
Dimensions (LxWxH):	Ytre mål (LxBxH):	2820: 135 x 80 x 44mm / 3220: 160 x 81 x 44,3mm
Weight:	Vekt:	2820: 485 g / 3220: 590 g

Selected versions - see web for complete list

Voltage versions Spenningsversjoner	Output voltage Utgangsspenning	Max. current Maks. strøm	Max. output power Maks. utgangseffekt
5V	4 - 6V	8.5A	51W
13.2V	9 - 13.2V	8.5A-7.8A	103W
24V	13.2 - 24V	7.5A-4.2A	101W
36V	28 - 38V	3.6A-2.7A	103W
48V	38 - 48V	2.7A-2.1A	101W
60V	55 - 63V	1.8A-1.6A	101W

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