

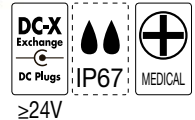
2820-3220 Max. 100 W

AC/DC power supplies - switch mode

MASCOT
tech spec

3220: Autodetect 115/230 VAC

- 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:
 - Med. certified EN 60601-1 ed. 3.1
 - UL approved
 - For updates: see www.mascot.no
- Faste utgangsspenninger
- Høy virkningsgrad og lav tomgangsstrøm (ErP Dir.)
- 2-pin IEC 320 nettkontakt
- Nettledning best. separat
- Festebrakett som tilbehør
- Utskiftbare DC plugger ($\geq 24V$)
- Vanntett (IP67) versjon kan leveres
- Godkjenninger:
 - Med. sertifisert EN 60601-1 utg. 3.1
 - UL godkjent
 - For oppdat.: se www.mascot.no



Technical specifications	Tekniske data	24V*
Input voltage:	Inngangsspenning:	198-264VAC (3320: 95-130/198-264VAC)
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%
Switch frequency approx.:	Switchefrekvens 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 (3-pin and others on request)
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

* 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 voltage (V) Utgangsspenning	Max. output power (W) Maks. utgangseffekt	Max. current (A) Maks strøm	On request Output voltage (V) Utgangsspenning	On request Max. current (A) Maks. strøm
5	51	8.5	4 - 6	8.5
9	77	8.5	6.01 - 9	8.5
13.2	103	7.8	9.01 - 13.2	8.5 - 7.8
16	102	6.4	13.31 - 16.8	7.7 - 6.1
24	101	4.2	16.81 - 24	6.0 - 4.2
28	106	3.8	24.01 - 28	4.4 - 3.8
36	103	2.9	28.01 - 38	3.6 - 2.7
48	101	2.1	38.01 - 48	2.7 - 2.1
60	101	1.7	48.01 - 63	2.1 - 1.6
64	100	1.6	63.01 - 67	1.6 - 1.5

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