

Power Supply COUNT-PSU



FEATURES

- Universal Input Range 90 - 264 VAC
- Meets EN55022 Class B and CISPR/FCC Class B. Conducted
- Continuous Short Circuit Protection
- Over Voltage Protection (Option)
- CEC Level IV Compliant
- Output Cable Length \leq 1200 mm



SPECIFICATION

Input Specifications:

Voltage	90 ~ 264 Vac
Frequency	47 to 63 Hz
Inrush Current	70 A max. @ 240 Vac
Conducted EMI	CISPR/FCC Class B
Isolation	Input to output= 4,242 VDC
Leakage Current	3.5 mA max.
Input Connector	3 Pin IEC 320/C14

Output Specifications:

Holdup Time	8 mS typ. @ 115 Vac
Short Circuit Protection	Continuous
Over Voltage Protection	Yes
Output Connector	LEMO, FGG.0B.302.CLAD42
Output Voltage	12 V
Output Current	3.75 A
Mini. LOAD	0
Ripple & Noise	120 mVp-p
Voltage Setpoint	\pm 1%
Line Regulation	\pm 3%
Switching Frequency	100 kHz Typ.
%EFF	84% Typ.



Environmental Characteristics:

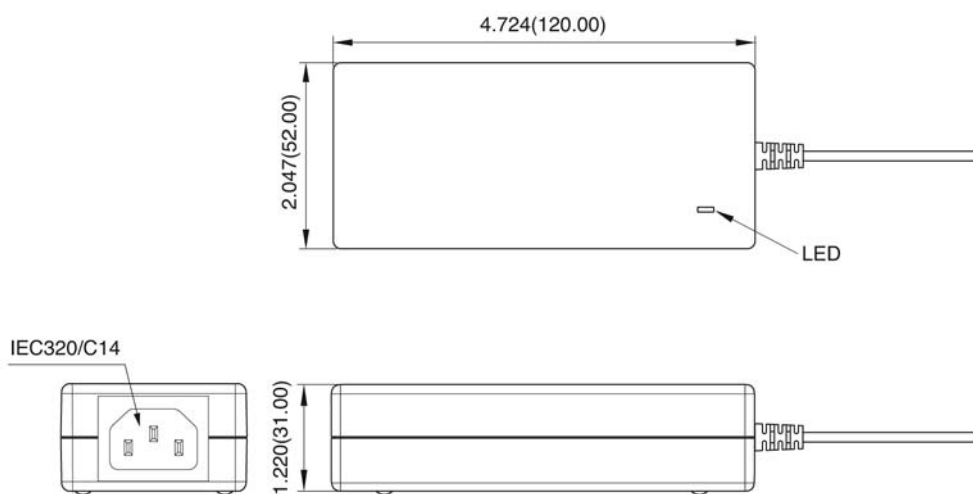
Operating Temperature 0 ~ 40°C
 Storage Temperature -20 ~ 85°C
 Cooling Natural Convection

- Note:**
1. Voltage setpoint at 60% full load.
 2. Add a 0.1 µF ceramic capacitor and a 10 µF E.L. capacitor to output for Ripple & Noise measurement @ 20 mHz BW.
 3. Line regulation measured from 100 Vac to 240 Vac, full load.
 4. Load regulation measured from 60% to 100% full load and from 60% to 20% load (60% ± 40% full load).

Mechanical Characteristics:

Dimensions 120.00 x 52.00 x 31.00 mm (4.724 x 2.047 x 1.220 Inches)
 Weight 280 g
 AC Inlet IEC320/C14

MECHANICAL SPECIFICATION



All Dimensions in Inches (mm)
 Tolerance Inches: x.xxx= ±0.02
 Millimeters: x.xx= ±0.5

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