



FEATURES

- Medical 60601-1 Safety Approvals
- Small 3.27 x 1.69 x 1.27" Size
- Class II Construction
- US, UK, AUS or EU Wall Mount Packages
- High Efficiency - Level V
- CEC 2008 / ErP2 / EISA 2007 Compliant
- EN55011 / FCC Part 15J Class B Emissions
- 3 Year Warranty

INPUT SPECIFICATIONS

Input Voltage	90-264 VAC (Universal)
Input Frequency	47-63Hz
Input Current	0.5A _{RMS} at 115VAC
Inrush Current	<70A @ 240 VAC, Cold Start
Power Factor	EN61000-3-2, Class A
Leakage Current	<100μA @ 264VAC
No Load Input Power	<0.3W No Load Input Power @ 240VAC

OUTPUT SPECIFICATIONS

Output Voltage	See Table
Line Regulation	±0.5%
Load Regulation	±5%
Minimum Load	None
Transient Response	±5%, 50% step-load, slew rate 1A/μS
Ripple / Noise	1% pk-pk typical
Turn-On Delay	3 seconds max @ 115VAC
Hold-Up Time	>10ms at 115VAC Input
Over-Voltage	110-140% Latching
Over-Load	Hiccup Mode, Auto-Recovery
Short Circuit	Continuous
Over-Temperature	Latching, recycle input and cool to reset

GENERAL SPECIFICATIONS

Efficiency	73-82% typical at 115/230 VAC, full load
Isolation	3000 VAC Input to Output
MTBF	200K Hours, Mil-217F at 25 °C, full load
Weight	180g

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0°C ~ +40°C
Derating	5%/°C > 40°C, up to 50°C max
Storage Temperature	-20°C ~ +80°C
Operating Humidity	5~95% (non-condensing)
Operating Altitude	3000M (max)
Shock	49 m/s ² (5G), 11mS on 3 axes
Vibration	10-55 Hz, 19.6 m/s ² (2G), 20mins 3 axes

EMC & SAFETY

Emissions	EN55011, FCC Part J15, Class B, Conducted EN55011, FCC Part J15, Class B, Radiated
Harmonic Current	EN61000-3-2 Class A
Voltage Flicker	EN61000-3-3
ESD	EN61000-4-2, 6kV contact, 8kV Air Discharge
EFT/Burst	EN61000-4-4, Level 3, Criterion A
Surge	EN61000-4-5 Installation Class 3, Criterion A
Conducted Immunity	EN61000-4-6, 3V _{RMS} , Criterion A
Radiated Immunity	EN61000-4-3, 3V/m, Criterion A
Magnetic Field	EN61000-4-8, 3A/m, Criterion A
Dips & Interruptions	EN61000-4-11, Class B/C IEC60601-1, 3rd Edition ANSI / AAMIES60601-1 CSA 22.2 No. 60601-1 EN60601-1, 3rd Edition CE Mark (LVD)
Safety Approvals	



MODELS	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE (MAX)	MAX TOTAL REGULATION
MANG0018-5xy	5V	3.0A	50mV	±5%
MANG0018-7.5xy	7.5V	2.4A	75mV	±5%
MANG0018-9xy	9V	2.0A	90mV	±5%
MANG0018-12xy	12V	1.5A	120mV	±5%
MANG0018-19xy	19V	1.0A	190mV	±5%
MANG0018-24xy	24V	0.75A	240mV	±5%
MANG0018-28xy	28V	0.65A	280mV	±5%

- Designate Wall Mount Package by replacing "x" with one of the following:

US = US Wall Mount

AU = AUS Wall Mount

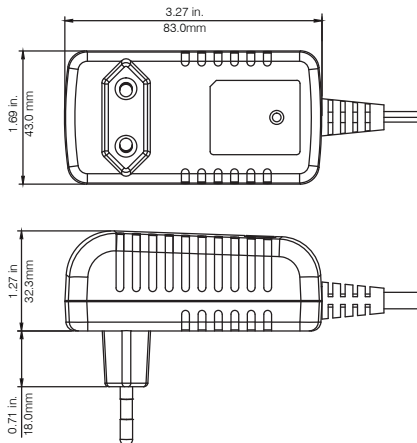
UK = UK Wall Mount

EU = EU Wall Mount

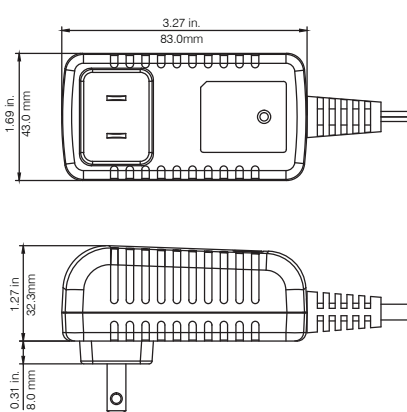
- Designate DC Connector by replacing "y" with "U" for Mini USB or "B" for Barrel Jack Connector. (5.5 x 2.1 x 11mm)
- Other Connectors available upon request, consult factory.
- Consult factory for unique Voltage setpoints or other modifications.

OUTLINE DRAWING

EU WALLMOUNT PACKAGE:

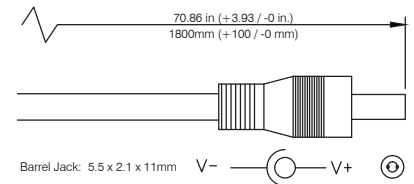


US WALLMOUNT PACKAGE:

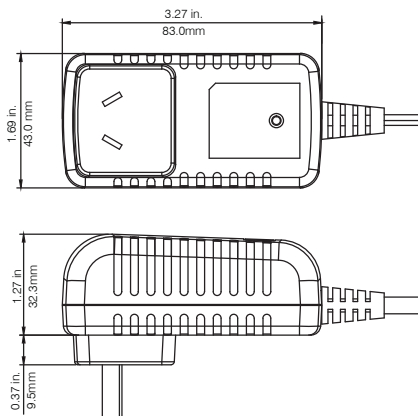


DC CONNECTOR OPTIONS:

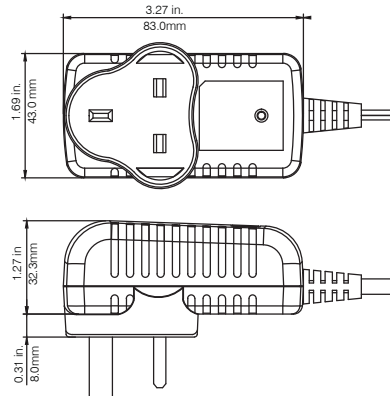
Should Be Corrected To :
5.5 x 2.1 x 11mm



AU WALLMOUNT PACKAGE:



UK WALLMOUNT PACKAGE:



TYPE "U" CONNECTOR:
Mini USB Connector

