MANGO60S Series

60 Watt Medical Desktop Power Supply

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Medical Power Specialists

The supply chain solution for reliability and low cost. The **MANGO60S** series meets all Medical and Commercial compliance requirements including 4th Edition EMC and Level VI Efficiency. **MANGO60S** adapters feature user-definable IEC 320 Inlet plug styles for Class I and Class II installation options and standard DC outputs from 12V to 48V.

Key Features

- Medical 60601-1 Safety Approvals
- High Efficiency Level VI Compliant
- Small 4.17 x 2.24 x 1.14" Footprint
- Class I Or Class II Construction
- IPXI Rated Enclosure
- High Power Density - 5.63W /in3
- CEC 2008 / ErP2 / EISA 2007 Compliant
- EN55011 / FCC Part 15J Class B Emissions
- 3 Year Warranty

Medical Lighting

Battery Charger

Portable Monitor

Sleep Apnea Therapy

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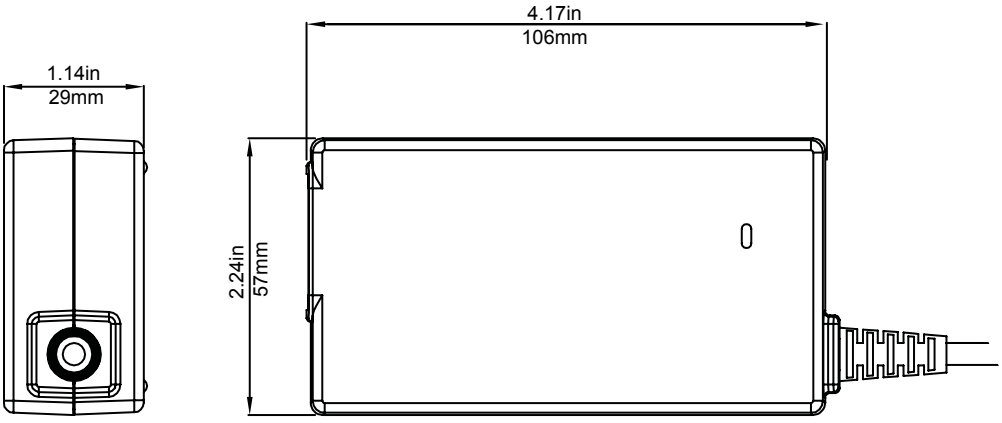
Models	Output Voltage	Output Current	Peak Current	Ripple & Noise (Max)
MANGO060S-12xy	12V	5.0A	6.0A	120mV
MANGO060S-19xy	19V	3.2A	3.8A	190mV
MANGO060S-24xy	24V	2.5A	3.0A	240mV
MANGO060S-28xy	28V	2.1A	2.6A	280mV
MANGO060S-48xy	48V	1.3A	1.5A	480mV

For the given model, replace "xy" with selected AC Inlet and DC Plug options. See product family application notes for details.

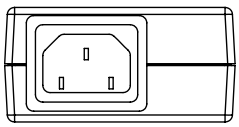
Technical Highlights

Input Voltage	90-264 VAC (Universal) 300 VAC (Maximum Non-Operating)	**Efficiency**	89% typical at 115/230 VAC, full load
Leakage Current	<100µA @ 264VAC	**Operating Temperature**	0°C ~ +40°C
Output Voltage	See table above	**Over-Voltage**	110-140% Latching
Line Regulation	±0.5%	**MTBF**	200K Hours, Mil-217F at 25 °C, full load
Load Regulation	±5%	**Isolation**	Input to Output: 4000 VAC Input to Ground: 1500VAC Output to Ground: 500 VDC

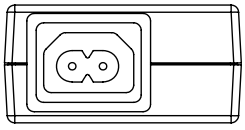
Note: Product specifications are subject to change without prior notice.



IEC 320 Options



A - C14 Inlet / Class I Safety Approvals



B - C8 Inlet / Class II Safety Approvals