

MANGO60S Series

60 Watt Medical Desktop
Power Supply

PHASIUM

BY MEGMEET

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
- Level VI Compliant
- Class B Radiated / Conducted Emissions
- 4th ed. EMC Compliant
- Small 4.17 x 2.24 x 1.14" Footprint
- Class I Or Class II Construction
- IPX1 Rated Enclosure
- High Efficiency
- High Power Density - 5.63W /in³
- 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	Protection	2X MOPP (Input to Output)
Line Regulation	±0.5%	MTBF	200K Hours, Mil-217F at 25 °C, full load
Load Regulation	±5%	Isolation	Input to Output: 4000 VAC, 2xMOPP Input to Ground(Class I): 1500VAC, 1xMOPP Output to Ground(Class I): 1500 VAC, 1xMOPP

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

