

MANGO12SC Series

12 Watt Medical Desktop
Power Supply

PHASIUM

BY MEGMEET

Medical Power Specialists



Reliable low cost medical adapters available in US, EU, UK and AU/NZ plug styles, the new **MANGO12SC** series meets all current IEC 60601-1 Medical and IEC 60950 Commercial compliance requirements including 4th Edition EMC and Level VI Efficiency. Easily customizable, choose from standard DC plugs or add the plug of your choice for trouble-free system integration.

Key Features

- Medical 60601-1 Safety Approvals
- AC Plug Options: US, UK, AUS or EU Wall Mount Packages
- High Efficiency Level VI
- 3 Year Warranty
- EN55011 / FCC Part 15J / Class B Emissions
- Class II Construction



Stimulation Therapy



Blood Pressure Monitor



Pulse Oximetry



Wireless Base Station

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Models	Output Voltage	Output Current	Ripple & Noise (Max)	Max Total Regulation
MANGO12SC-05yyz	5V	2.4A	60mV	±5%
MANGO12SC-075yyz	7.5V	1.6A	100mV	±5%
MANGO12SC-09yyz	9V	1.3A	120mV	±5%
MANGO12SC-12yyz	12V	1.0A	120mV	±5%
MANGO12SC-15yyz	15V	0.8A	150mV	±5%
MANGO12SC-18yyz	18V	0.7A	180mV	±5%
MANGO12SC-24yyz	24V	0.5A	200mV	±5%

Designate Wall Mount Package by replacing "yy" 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 "z" with "U" for Mini USB or "B" for Barrel Jack Connector. (5.5 x 2.1 x 11mm)

Technical Highlights

Input Voltage	85-264 VAC (Universal)	Efficiency	83-88% typical at 115/230 VAC, full load
Leakage Current	<100 µA @ 264VAC	Operating Temperature	0°C ~ +40°C
Output Voltage	See table above	Protection	2x MOPP (Input to Output)
Line Regulation	±1%	Isolation	Input to Output 4000 VAC
Load Regulation	±5%	MTBF	200K Hours, Mil-217F at 25 °C, full load

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

