MANGO18SC Series

18 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 **MANGO18SC** 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
- Small 2.95 x 1.59 x 1.51" Size
- 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
- Custom Colors Available

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
MANGO018SC-05yyz	5V	3.0A	60mV	±5%
MANGO018SC-075yyz	7.5V	2.4A	100mV	±5%
MANGO018SC-09yyz	9V	2.0A	120mV	±5%
MANGO018SC-12yyz	12V	1.5A	120mV	±5%
MANGO018SC-15yyz	15V	1.2A	150mV	±5%
MANGO018SC-18yyz	18V	1.0A	180mV	±5%
MANGO018SC-24yyz	24V	0.8A	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

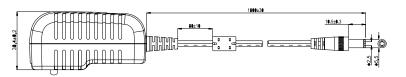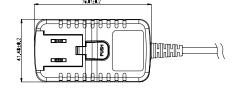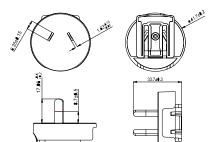|			
Input Voltage	85-264 VAC (Universal)	**Efficiency**	83-88% typical at 115/230 VAC, full load
Leakage Current	<100 µA @ 264VAC	**Operating Temperature**	0°C ~ +40°C
Output Voltage	See table above	**Over-Voltage**	110-140% Hiccup, Auto-Recovery
Line Regulation	±1%	**Isolation**	Input to Output 4000 VAC
Load Regulation	±5%	**MTBF**	200K Hours, Mil-217F at 25 °C, full load

Note: Product specifications are subject to change without prior notice.
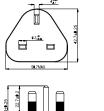
RoHS   TÜV Rheinland of North America, Inc. US   CB   CE   VI

AU   UK   EU   US

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