

MANGO18S 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 MANGO18S 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 3.27 x 1.69 x 1.27" Size
- AC Plug Options: US, UK, AUS or EU Wall Mount Packages
- 4th Edition EMC Compliant
- Custom colors available
- BF Compliant Isolation
- Efficiency Level VI
- 3 Year Warranty
- EN55011 / FCC Part 15J / Class B Emissions



Stimulation Therapy



Blood Pressure Monitor



Pulse Oximetry



Wireless Base Station

PHASIUM

BY MEGMEET

POWER@PHASIUMPOWER.COM

Models	Output Voltage	Output Current	Ripple & Noise (Max)
MANGO018S-5xy	5V	3.0A	50mV
MANGO018S-9xy	9V	2.0A	90mV
MANGO018S-12xy	12V	1.5A	120mV
MANGO018S-19xy	19V	1.0A	190mV
MANGO018S-24xy	24V	0.8A	240mV
MANGO018S-28xy	28V	0.7A	280mV

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)	Efficiency	73-82% typical at 115/230 VAC, full load
Leakage Current	<100 μ A @ 264VAC	Operating Temperature	0°C ~ +50°C
Output Voltage	See table above	Protection	2x MOPP (Input to Output)
Line Regulation	\pm 0.5%	Isolation	Input to Output 3000 VAC
Load Regulation	\pm 5%	MTBF	200K Hours, Mil-217F at 25 °C, full load

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



Wall Mount Package and Connector Options

