

MANGO40S Series

40 Watt Medical Desktop
Power Supply

PHASIUM

BY MEGMEET

Medical Power Specialists



Engineered and assembled in an ISO 13485 manufacturing center, the MANGO40S is the adapter solution for Commodity Managers and Design Engineers. It includes multiple AC inlet and DC output connector options and can be easily modified for custom connectors. Small and lightweight, the MANGO40S meets all current IEC compliance requirements.

Key Features

- Medical IEC60601-1 Safety Approval
- Level VI Efficiency
- ITE IEC60950 Safety Approval
- BF Compliant Isolation
- 4th Ed. EMC / Class B Emissions
- Small 1.95" x 3.78" x 1.18" Footprint
- Class I or Class II Construction
- 3-year Warranty



Pulse Oximetry Device



Blood Pressure Monitor



Portable Patient Monitor



Portable Blood Analyzer

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Models	Output Voltage	Output Current	Peak Current	Ripple & Noise (Max)
MANGO040S-12xy	12V	3.3A	4.0A	120mV
MANGO040S-15xy	15V	2.7A	3.2A	150mV
MANGO040S-19xy	19V	2.1A	2.5A	190mV
MANGO040S-24xy	24V	1.7A	2.0A	240mV
MANGO040S-28xy	28V	1.4A	1.7A	280mV
MANGO040S-48xy	48V	0.8A	1.0A	480mV

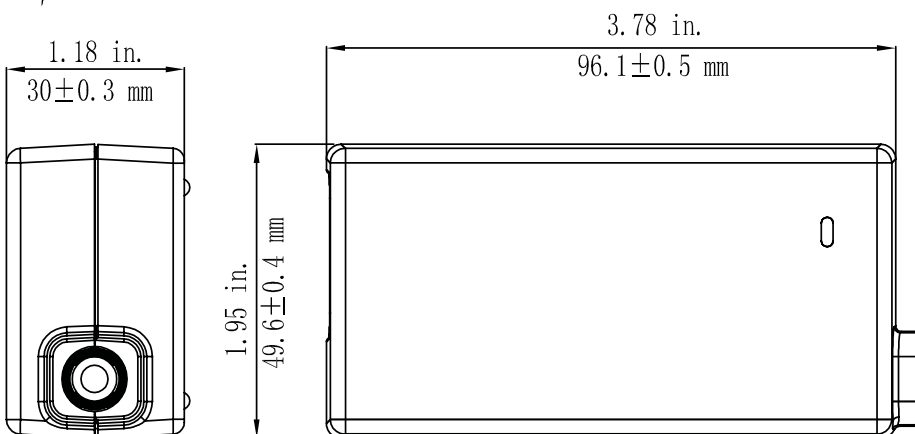
For the given model, replace "xy" with selected AC Inlet and DC Plug options. See product family application notes for details.

Technical Highlights

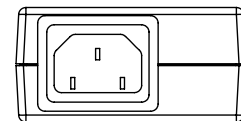
Input Voltage	90-264 VAC (Universal) 300 VAC (maximum Non-Operating)	Efficiency	79% for 5V output 87% for other models
Leakage Current	<100 μ A @ 264VAC	Operating Temperature	0°C ~ +50°C
Output Voltage	See table above	Protection	2x MOPP (Input to Output)
Line Regulation	\pm 0.5%	Isolation	4000 VAC Input to Output 1500 VAC Input to Ground 1500 VAC Output to Ground
Load Regulation	\pm 5%	MTBF	200K hours, MIL-STD 217F at 25°C, full load



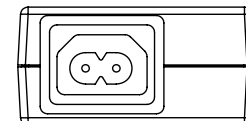
Note: Product specifications are subject to change without prior notice. For detailed product information please see *MANGO40S Series Model Application Notes*



IEC 320 Options



C14 Inlet / Class I Safety Approvals



C8 Inlet / Class II Safety Approvals