



MTPS06W Series

Medical Power Supply Level VI

6-Watt Medical Wall-mount Adapter

INPUT SPECIFICATIONS

All specifications are typical at nominal input, full load.

INPUT SPECIFICATIONS

Input Voltage	AC 100 – 240VAC
Input Frequency	50 – 60Hz
Input Current	0.19A – 0.1A
Protection	Internal Primary Current Fuse Inrush Limiting

OUTPUT SPECIFICATIONS

Output Voltage	See Chart
Efficiency	DoE/CEC Level VI, Energy Star, ErP Stage 2, NRCAN, GEMS Level VI
Protection	Short Circuit Protection Over Current Protection Over Voltage Protection
Ripple	2% Vp-p (max) for Output Voltage
Hold-Up Time	10 mS (min) @ Full Load
Transient Response	0.5mS for 50% Load Change(typ)
Load Regulation	± 5% (typ)

GENERAL SPECIFICATIONS

MTBF(Calculated)	300,000 Calculated hours at 25°C by Telcordia SR-332
Dielectric Withstanding Voltage	4,000 VAC Primary – Secondary
EMC Standards	EN55011, EN61000-3-2,3, EN6100- 4-2,3,4,5,6,8,11
Topology	Switching Flyback
EMS Immunity	Compliance to EN61000-4- 2,3,4,5,6,8,11
Safety Approvals	USA: CB/ULI/cUL/FCC/PSE Europe and UK: CB/TÜV SÜD Mark/CE



FEATURES

- DoE/CEC LEVEL VI
- UNIVERSAL INPUT (AC100-240V)
- IEC/EN/ANSI/AAMI ES60601-1
- EMC: IEC60601-1
- IEC/EN/UL 62368-1 & 60950-1
- OVER VOLTAGE PROTECTION
- OVER CURRENT PROTECTION
- SHORT CIRCUIT PROTECTION

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0°C~+40°C
Storage Temperature	-20°C ~ +80°C
Cooling.	Natural Convection Cooling
Operating Humidity	20 – 80% Rh
Storage Humidity	10 – 90% Rh

MECHANICAL SPECIFICATIONS

Case Dimension	L80.2 x W46 x H57.5(mm)
Available Input Connectors	USA, EU, UK, AU, CN, V
Output Connector	See chart



MTPS06W Series

Medical Power Supply

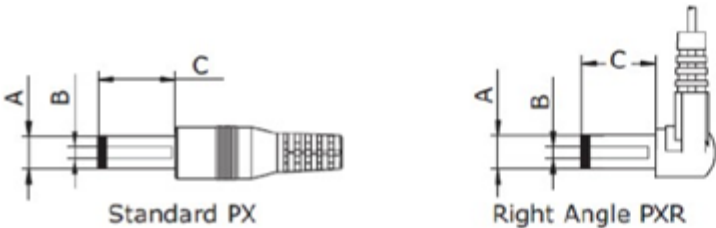
Model Number	Output Voltage	Output Current	Max Output Power
MTPS06-05012WA-VI	5.0V	1.2A	6.0W
MTPS06-06010WA-VI	6.0V	1.0A	6.0W
MTPS06-07510WA-VI	7.5V	1.0A	7.5W
MTPS06-09007WA-VI	9.0V	0.7A	6.3W
MTPS06-12005WA-VI	12.0V	0.5A	6.0W

Part Number Key:
MTPS06-XXX YY WA - VI - P - U/E

xxx = output voltage 12=12.0V 135 = 13.5V example
 yy = output current 55 = 5.5 amp example
 p = output connector P1/(R)* = 2.1/5.5/9.5mm, P2/(R)* = 2.5/5.5/9.5...
 U/E = US plug/ E = Europe plug * R = Right Angle Connectors

Note: Center Positive (+) standard

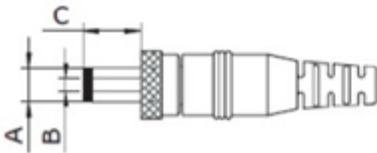
Standard DC Plug



	A	B	C	Unit
P1 / P1R	5.5	2.1	9.5	mm
P2 / P2R	5.5	2.5	9.5	mm
P3 / P3R	3.5	1.35	9.5	mm
P4 / P4R	3.8	1.35	9.5	mm
P5 / P5R	3.8	1.05	9.5	mm

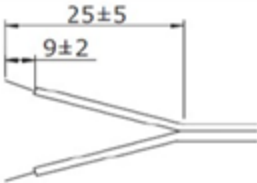
P100 = User Defined

Locking DC Plug



	A	B	C	Unit
P6	5.5	2.1	9.5	mm
P7	5.5	2.5	9.5	mm

Stripped and Tinned



ST = Stripped and Tinned



MTPS06W Series

Medical Power Supply

Mechanical Drawing :

