



MTPS65 Series

65 Watt, Medical Grade Universal Input, Desktop 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	1.6A – 0.7A
Protection	Internal Primary Current Fuse Inrush Limiting

OUTPUT SPECIFICATIONS

Output Voltage	See Chart
Efficiency	CEC Level V, ErP Stage 2 Certified
Protection	Short Circuit Protection Over Current Protection Over Voltage Protection
Ripple	1 – 2 % Vp-p (max)
Hold-Up Time	10 mS (min)
Transient Response	0.5mS for 50% Load Change(typ)
Load Regulation	± 5% (typ)
Leakage Current	0.50mA @ 3 pin

GENERAL SPECIFICATIONS

MTBF(Calculated)	300,000 Hours Calculated hours at 25°C by Telecordia SR-332
Dielectric Withstanding Voltage	4,000 VAC Primary – Secondary
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to EN60601-1-2
Safety Approvals	CB/UL/cUL/FCC/CE/TUV



FEATURES

- *ES60601-1:2005 (60601 3rd EDITION)*
- *UNIVERSAL INPUT (AC100-240V)*
- *OVERVOLTAGE PROTECTION*
- *OVERCURRENT PROTECTION*
- *ROHS COMPLIANT*
- *CEC LEVEL V*

ENVIRONMENTAL SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

Case Dimension	L119 x W60 x H36 (mm)
Input Configuration	IEC320-C14 Optional(C6, C8, C18)
DC Cord	18AWG Optional 16AWG
Output Connector	Mini-DIN



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Model Number	Output Voltage	Output Current	Max Output Power
MTPS65-1250DT-3P	12.0V	5.00A	60W
MTPS65-1543DT-3P	15.0V	4.34A	65W
MTPS65-1836DT-3P	18.0V	3.62A	65W
MTPS65-1934DT-3P	19.0V	3.43A	65W
MTPS65-2427DT-3P	24.0V	2.71A	65W
MTPS65-3618DT-3P	36.0V	1.81A	65W

Mechanical Drawing:

