



MTPS30 Series

30 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	0.7A – 0.45A
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	UL/cUL/FCC/CE/T-Mark(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

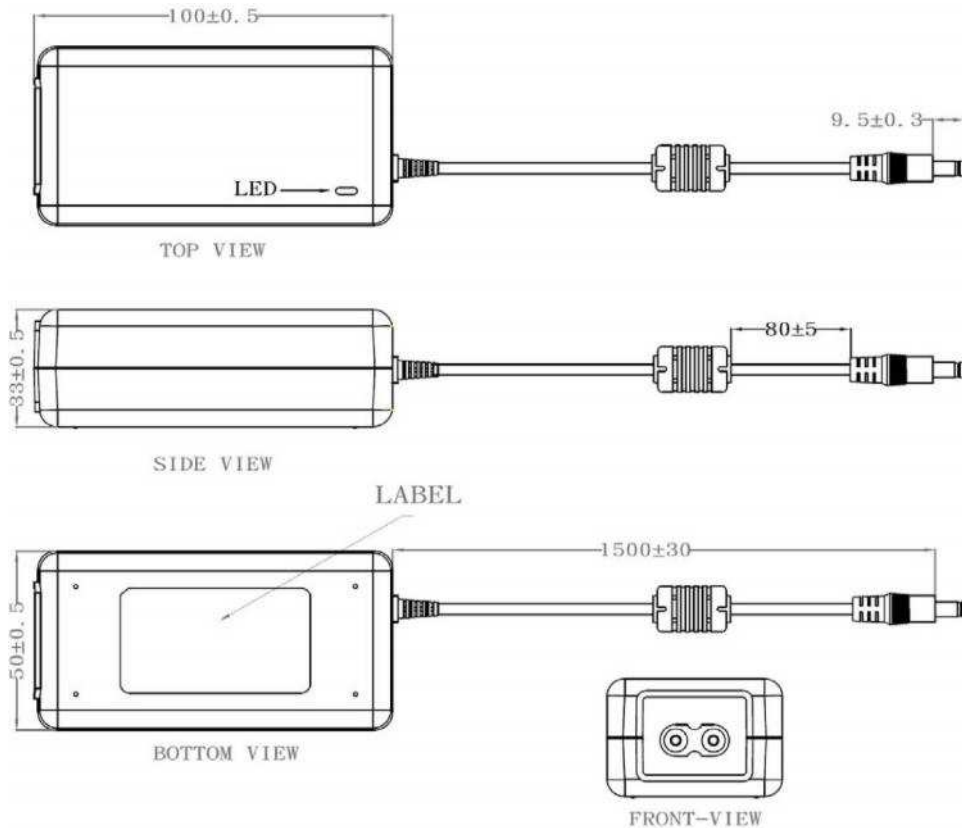
Case Dimension	L100 x W50 x H34 (mm)
Input Configuration	IEC320-C14 Optional(C6, C8, C18)
DC Cord	18AWG Optional(20 & 16AWG)
Output Connector	5.5 x 2.1 x 9.5mm C+



MTPS30 Series

Model Number	Output Voltage	Output Current	Max Output Power
MTPS30-0540DT-3P	5.0V	4.00A	20W
MTPS30-0550DT-3P	5.0V	5.00A	25W
MTPS30-7540DT-3P	7.5V	4.00A	30W
MTPS30-0933DT-3P	9.0V	3.34A	30W
MTPS30-1225DT-3P	12.0V	2.50A	30W
MTPS30-1520DT-3P	15.0V	2.00A	30W
MTPS30-1816DT-3P	18.0V	1.67A	30W
MTPS30-2412DT-3P	24.0V	1.25A	30W
MTPS30-3608DT-3P	36.0V	0.84A	30W

Mechanical Drawing:



Note: C8 shown, C14 standard