

TOTAL POWER INT'L

AC/DC EXTERNAL DESKTOP ADAPTER UNIVERSAL INPUT SINGLE OUTPUT 75 WATTS SWITCHING POWER SUPPLIES TPES75 SERIES



FEATURES:

- ACCOMMODATES UNIVERSAL AC SOURCES
- DESKTOP IEC320-3PL/2P AC RECEPTACLE
- MEET UNIVERSAL SAFETY STANDARDS
- EMI MEET EN 55022/FCC CLASS B
- CE MARKING COMPLIANCE

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: Range 90-264Vac typical.
Input Connector: IEC320-3PL/2P AC receptacle.
Input Frequency: 47-63Hz.
Inrush Current: 26A@120Vac & 55A@230Vac typical.
Input Current: 1.2A @ 120Vac & 0.6A @ 230Vac typical.
Dielectric Withstand: Meet IEC950.
EMI/RFI: Meet EN 55022 & FCC Class B.
Hold-up Time: 16mS @ 115Vac / 72mS @ 230Vac typical.
Constant Current Protection: Installed.
Over Temp. Protection (OTP): Installed.
Earth Leakage: 0.35mA typical.

OUTPUT SPECIFICATION

Output Voltage: See Ratings Chart.
Output Current: See Ratings Chart.
Output Wattage: 75 Watts typical.
Output Connector & Cord: Optional.
Output LED Indicator: Installed.
Line Regulation: 0.1% typical.
Load Regulation: $\pm 2-3.0\%$ typical.
Noise & Ripple: 1% typical peak to peak.
OVP: Built-in (latch).
Adjustability: Factory set.
Overload Protection (OLP):
Fully protected against output overload and short circuit.
Typically set at 115% max. load.
Consult the factory for special OLP setting.

GENERAL SPECIFICATION

Efficiency: 86-91.5% typical at adapter body.
89% typical at end of 2M 18AWG cable cord.
Switching Frequency: Approximate 72K Hz.
Circuit Topology: Fixed frequency Flyback circuit.
Transient Response: Output voltage returns in less than
0.1mS following a 25% load change.
Safety Standard: UL1950/EN60950 Class I & II.

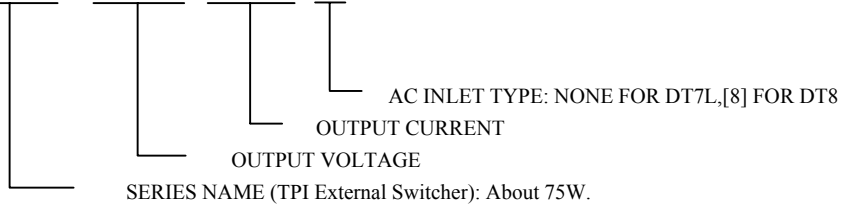
Operating Temperature: 0 to +40°C.
Storage Temperature: -20 to +85°C.
Temperature Coefficient: 0.04% /°C typical.
Cooling: Free air convection cooling.
Construction format: Impact resistant thermo-plastic
enclosure. Desktop format.
Power Density: 6.45 Watts / Cubic inch.



In application

Due to requests in market and advances in technology, specifications subject to change without notice.

MODEL NO. DESCRIPTION: TPES75 - X X X Y Y Y - S



OUTPUT VOLTAGE/CURRENT RATINGS CHART

SINGLE OUTPUT

MODEL NO.	AC INLET	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (Amp.)
TPES75-120550	DT7L	12.0V	5.50A
TPES75-120550-8	DT8	12.0V	5.50A
TPES75-160430	DT7L	16.0V	4.30A
TPES75-160430-8	DT8	16.0V	4.30A
TPES75-170440	DT7L	17.0V	4.40A
TPES75-170440-8	DT8	17.0V	4.40A
TPES75-180416	DT7L	18.0V	4.16A
TPES75-189389		18.9V	3.89A
TPES75-180416-8	DT8	18.0V	4.16A
TPES75-189389-8		18.9V	3.89A
TPES75-190390	DT7L	19.0V	3.90A
TPES75-199319		19.9V	3.19A
TPES75-190390-8	DT8	19.0V	3.90A
TPES75-199319-8		19.9V	3.19A
TPES75-200375	DT7L	20.0V	3.75A
TPES75-200375-8	DT8	20.0V	3.75A

MECHANICAL DIMENSIONS: MM [INCHES]

WEIGHT: 324.0g (11.5 Oz.)

