

HiTRON

AC/DC EXTERNAL DESKTOP ADAPTER UNIVERSAL INPUT SINGLE OUTPUT 60-75 WATTS GREEN POWER SWITCHING POWER SUPPLIES HEG75 SERIES



FEATURES:

- ACCOMMODATE UNIVERSAL AC SOURCES
- DESKTOP IEC320-3P/2P AC RECEPTACLE
- MEET UNIVERSAL SAFETY STANDARDS
- GREEN POWER & MEET CEC Table U-2(2008)
- EMI MEET CISPR EN 55022/ FCC CLASS B
- CE MARKING COMPLIANCE

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: Typ. 90-264Vac.
Input Connector: IEC320-3P/2P AC input receptacle.
Input Frequency: 47-63Hz.
Inrush Current: Typ. 9.9Arms @ 230Vac.
Input Current: Typ. 1.23A @ 115Vac, 0.67A @ 230Vac.
Dielectric Withstand: Meet IEC60950-1.
EMI: Meet CISPR EN55022 / FCC Class B.
Hold-up Time: Typ. 16.8mS @ 115Vac, 84.8mS @ 230Vac.
Over Temp. Protection: Factory set.
Green Power: <0.5W@ 230Vac
Earth Leakage: Less than 0.5mA.
LED Indicator: Optional.

OUTPUT SPECIFICATION

Output Voltage: See Ratings Chart.
Output Current: See Ratings Chart.
Output Wattage: Typ. 60-75 W.
Output Connector: Optional.
Line Regulation: Typ. 0.1%.
Load Regulation: Typ. +/-5.0%.
Noise & Ripple: Typ. 2% peak to peak.
OVP: Built-in by latch circuit.
Adjustability: Factory set.
Over Current Protection (OCP):
Fully protected against output overload and short circuit.
OCP is installed PCT (Peak Current Timer) for large peak current. The PSU will shutdown after OCP is activated in a certain period. The PSU will hiccup if the output is in short circuit.
Consult the factory for OCP setting.

GENERAL SPECIFICATION

Efficiency: Typ. 85-89%.(various with output voltage)
Switching Frequency: Typ. 60KHz.
Circuit Topology: Fixed Frequency flyback circuit.
Transient Response: Output voltage returns in less than 2mS following a 25% load change.
Safety Standard: Meet EN60950-1/ UL60950-1, Class I for DT7L and Class II for DT8.
Power Density: 5.15-6.5Watts. / Cubic Inch.
Operating Temperature: 0 to +25/+35/+40 °C without derating.(various with output voltage)
Storage Temperature: -20 to +85 °C.
Temperature Coefficient: 0.01%/°C
Cooling: Free air convection.
Construction: Impact resistant thermo-plastic enclosure case.
Desktop Format.

Note: (1) All measurements are at nominal input, full load, and +25°C unless otherwise specified.

(2) Load regulation is measured at 115Vac or 230Vac in percentage to indicate the change in output voltage as the load varied from half load to full load (±%).

(3) The exact obtainable load regulation depends upon the output cord selected and load current.

(4) The typical cord is UL1185 AWG#18 or UL1571 16AWG#. The typical cord length for UL1185/AWG#18 is 2ft and for UL1571 16AWG# is 1M.

(5) The DC COM of output is connected with GND

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

OUTPUT VOLTAGE / CURRENT RATINGS CHART

SINGLE OUTPUT

MODEL NO.	AC PLUG	O/P VOLTAGE	O/P CURRENT
HEG75-S120500-7L	DT7L	12.0Vdc	5.00A
HEG75-S120500-8	DT8	12.0Vdc	5.00A
HEG75-S190390-7L	DT7L	19.0Vdc	3.90A
HEG75-S190390-8	DT8	19.0Vdc	3.90A
HEG75-S240250-7L	DT7L	24.0Vdc	2.50A
HEG75-S240250-8	DT8	24.0Vdc	2.50A
HEG75-S240320-7L	DT7L	24.0Vdc	3.20A
HEG75-S240320-8	DT8	24.0Vdc	3.20A
HEG75-S300200-7L	DT7L	30.0Vdc	2.00A
HEG75-S300200-8	DT8	30.0Vdc	2.00A
HEG75-S300250-7L	DT7L	30.0Vdc	2.50A
HEG75-S300250-8	DT8	30.0Vdc	2.50A
HEG75-S360210-7L	DT7L	36.0Vdc	2.10A
HEG75-S360210-8	DT8	36.0Vdc	2.10A
HEG75-S480156-7L	DT7L	48.0Vdc	1.56A
HEG75-S480156-8	DT8	48.0Vdc	1.56A

MECHANICAL DIMENSIONS: MM [INCHES]

WEIGHT: 324.0g (11.5 Oz.)

