



AC/DC EXTERNAL WALLMOUNT ADAPTER UNIVERSAL INPUT SINGLE OUTPUT 24 WATTS GREEN POWER SWITCHING POWER SUPPLIES HEG24 SERIES



FEATURES:

- UNIVERSAL INPUT
- DIVERSE WALLMOUNT AC PLUGS
- MEET UNIVERSAL SAFETY STANDARDS
- GREEN POWER
- EMI MEET EN 55022/ FCC CLASS B
- CE MARKING COMPLIANCE

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: 90-264Vac typical.
Input Connector: WM1/WM2/WM3/WM5/WM6.
Input Frequency: 47-63Hz.
Inrush Current: 6.11Arms @230Vac typical.
Input Current: 0.3A @115Vac typical.
0.17A @230Vac typical.
Dielectric Withstand: Meet IEC60950-1
EMI: Meet EN 55022 / FCC Class B.
Hold-up Time: 18.8ms @115Vac typical.
95.2ms @230Vac typical.
Green Power: 0.19W@132Vac & 0.25W @ 264Vac
Earth Leakage: Less than 0.16mA.

OUTPUT SPECIFICATION

Output Voltage: See Ratings Chart.
Output Current: See Ratings Chart.
Output Wattage: 24 Watts typical.
Output Connector & Cord: Optional.
Line Regulation: 0.3% typical.
Load Regulation: $\pm 3.0\%$ typical.
Noise & Ripple: 1.0% typical peak to peak.
OVP: Built-in.
Overload Protection (OLP):
Fully protected against output overload and short circuit.
OLP set at about 125-150% rating output wattage.
Consult the factory for OLP setting.

GENERAL SPECIFICATION

Efficiency: 80-85% typical. Various with output voltage.
Switching Frequency: Approximate 65K Hz.
Circuit Topology: Fixed Frequency Flyback circuit.
Transient Response: Output voltage returns in less than
1mS following a 25% load change.
Safety Standard: Meet UL60950-1/EN60950-1 Class I or II.
Power Density: 2.17 Watts / Cubic inch.

Operating Temperature: 0 to +25/35/40°C
without derating. (various with output voltage)
Storage Temperature: -20 to +85°C.
Temperature Coefficient: 0.04%/°C typical.
Cooling: Free air convection.
Construction: Impact resistant thermo-plastic
enclosure case.
Wallmount Format.

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

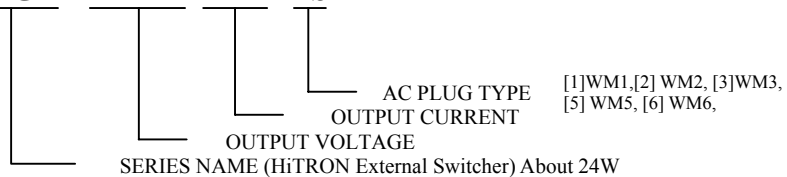
(2) Load regulation is measured at 115Vac or 230Vac in percentage to indicate the change in output voltage as the load is varied from half load to full load (unit $\pm\%$).
For the multi-output, the main output remains 50% load and other aux. output remains 20% load.

(3) The exact obtainable load regulation depends upon the output load current & cord selected. Upper data are for 6 ft. (2 m) cord AWG#18 wires.

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



In application

MODEL NO. DESCRIPTION: HEG24 - X X X YYY - S**OUTPUT VOLTAGE/CURRENT RATINGS CHART****SINGLE OUTPUT** *(Model No. for example)*

MODEL NO.	AC PLUG	O/P VOLTAGE	O/P CURRENT
HEG24-033500-1	WM1	3.3Vdc	5.00A
HEG24-033500-3	WM3	3.3Vdc	5.00A
HEG24-050400-2	WM2	5.0Vdc	4.00A
HEG24-050400-3	WM3	5.0Vdc	4.00A
HEG24-090270-3	WM3	9.0Vdc	2.70A
HEG24-120200-5	WM5	12.0Vdc	2.00A
HEG24-150160-3	WM3	15.0Vdc	1.60A
HEG24-150160-6	WM6	15.0Vdc	1.60A
HEG24-180133-1	WM1	18.0Vdc	1.33A
HEG24-230104-2	WM3	23.0Vdc	1.04A
HEG24-240100-1	WM1	24.0Vdc	1.00A
HEG24-240100-3	WM3	24.0Vdc	1.00A
HEG24-360067-6	WM6	36.0Vdc	0.67A

MECHANICAL DIMENSIONS: MM [INCHES]**WEIGHT: 240.0g (8.5 Oz.)**