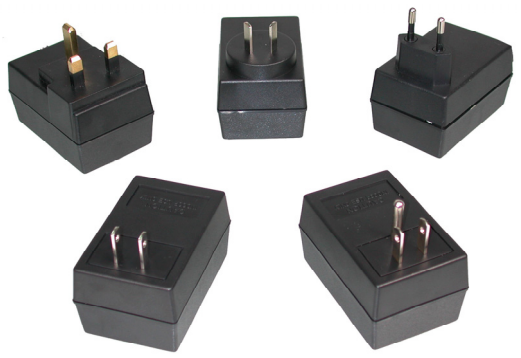
H HiTRON

AC/DC EXTERNAL WALLMOUNT ADAPTER USA OR EUROPEAN INPUT SINGLE OUTPUT 16-18 WATTS SWITCHING POWER SUPPLIES HES16B & HES16C SERIES



FEATURES:

- **LOW COST WALLMOUNT ADAPTER**
- **DIVERSE AC PLUGS AVAILABLE**
- **MEET DIVERSE SAFETY STANDARDS**
- **EMI MEET EN 55022 OR FCC CLASS B**
- **CE MARKING COMPLIANCE**

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: HES16B typical 90-132Vac,rating 120Vac.
HES16C typical180-264Vac,rating 230Vac.
Input Connector: Wallmount Format.
HES16B:WM1(U.S.2-blade)/WM2(U.S.3-blade).
HES16C:WM3(Euro-stecker)/WM4(Schuko-stecker)/
WM5(UK)/WM5G(UK)/WM6,6G(Australia).
Input Frequency: 47-63Hz.
Inrush Current: HES16B: 18.0A @ 115Vac typical.
HES16C: 28.0A @ 230Vac typical. (by thermister)
Input Current: HES16B 0.234A @ 115Vac typical.
HES16C 0.133A @ 230Vac typical.
Dielectric Withstand: Meet IEC60950.
EMI: Meet EN 55022 or FCC Class B.
Hold-up Time: 27.6mS@115Vac/53.6mS@230Vac typical.

OUTPUT SPECIFICATION

Output Voltage: See Ratings Chart.
Output Current: See Ratings Chart.
Output Wattage: 16-18 Watts typical.
Output Connector: Optional.
Line Regulation: 0.65% typical.
Load Regulation: ±1.5% typical.
Noise & Ripple: 1.0% typical peak to peak.
OVP: Built-in, By Zener diode clamping.
Adjustability: Factory set.
Overload Protection (OLP):
Fully protected against output overload and short circuit.
OLP set at about 120-150% max. load.
Consult the factory for special OLP setting.

GENERAL SPECIFICATION

Efficiency: 80% typical.
Switching Frequency: 65-75K Hz.@ full load typical.
Circuit Topology: Free-running flyback circuit.
Transient Response: Output voltage returns typ. 6mS.
following a 25% load change.
Safety Standard: UL1950/EN60950. Class I or II.
Power Density: 1.45 Watts / Cubic inch.
Operating Temperature: 0 to +40°C with no derating.
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 230Vac or 120Vac 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. Upper data are for 6 ft. (2 m) cord AWG#18 wires.

For the details of safety approval, please consult the factory.

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

MODEL NO. DESCRIPTION: HES16B or C – XXX YYY – S

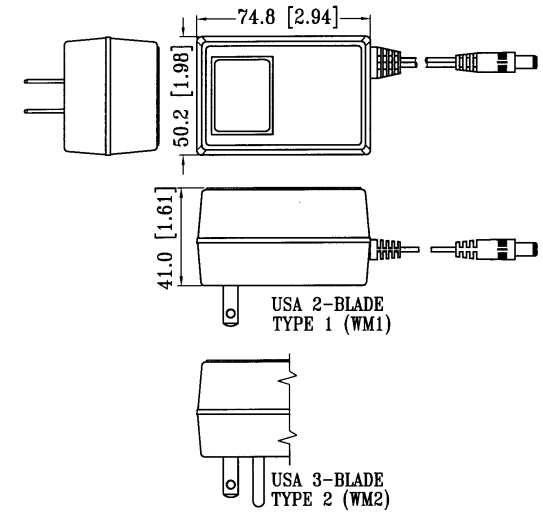
- AC PLUG TYPE:
  HES16B [1]WM1, [2]WM2
  HES16C [3]WM3,[4]WM4,[5]WM5,
  [5G]WM5G,[6]WM6,[6G]WM6G
- OUTPUT CURRENT
- OUTPUT VOLTAGE
- SERIES NAME (HiTRON External Switcher): About 16W.

OUTPUT VOLTAGE / CURRENT RATINGS CHART

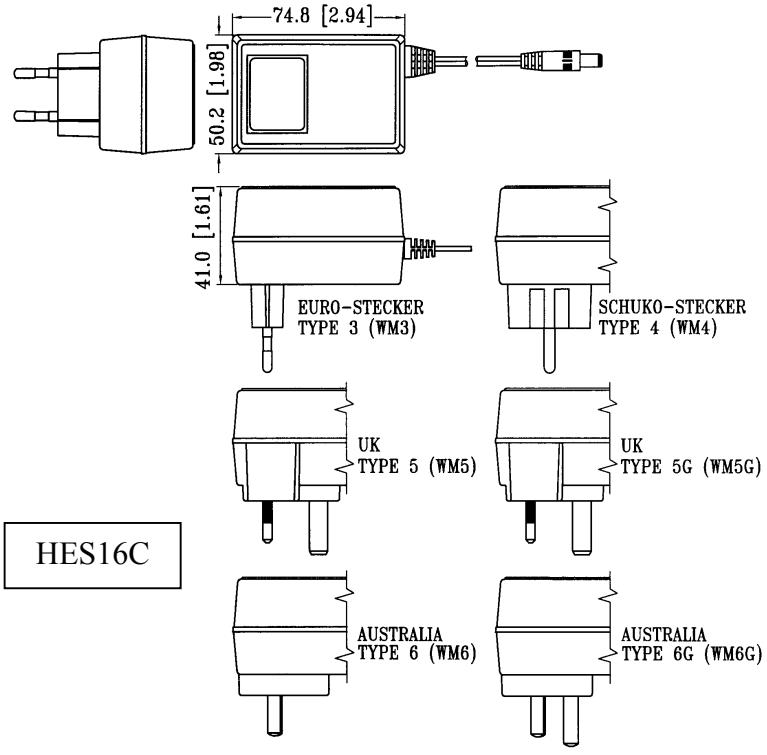
SINGLE OUTPUT

MODEL NO.	AC INPUT	AC PLUG	VOLTAGE(Vdc)	CURRENT	FORMAT
HES16B-050300	90-132Vac	WM1/2	**5.0V**	3.00A	Wallmount
HES16C-050300	180-264Vac	WM3/4/5/5G/6/6G	**5.0V**	3.00A	Wallmount
HES16B-065250	90-132Vac	WM1/2	**6.5V**	2.50A	Wallmount
HES16C-065250	180-264Vac	WM3/4/5/5G/6/6G	**6.5V**	2.50A	Wallmount
HES16B-075200	90-132Vac	WM1/2	**7.5V**	2.00A	Wallmount
HES16C-075200	180-264Vac	WM3/4/5/5G/6/6G	**7.5V**	2.00A	Wallmount
HES16B-090200	90-132Vac	WM1/2	**9.0V**	2.00A	Wallmount
HES16C-090200	180-264Vac	WM3/4/5/5G/6/6G	**9.0V**	2.00A	Wallmount
HES16B-100150	90-132Vac	WM1/2	**10.0V**	1.50A	Wallmount
HES16C-100150	180-264Vac	WM3/4/5/5G/6/6G	**10.0V**	1.50A	Wallmount
HES16B-120150	90-132Vac	WM1/2	**12.0V**	1.50A	Wallmount
HES16C-120150	180-264Vac	WM3/4/5/5G/6/6G	**12.0V**	1.50A	Wallmount
HES16B-150120	90-164Vac	WM1/2	**15.0V**	1.20A	Wallmount
HES16C-150120	180-264Vac	WM3/4/5/5G/6/6G	**15.0V**	1.20A	Wallmount
HES16B-240075	90-132Vac	WM1/2	**24.0V**	0.75A	Wallmount
HES16C-240075	180-264Vac	WM3/4/5/5G/6/6G	**24.0V**	0.75A	Wallmount

MECHANICAL DIMENSIONS: MM [INCHES] **WEIGHT:** HES16B/C 150.0g (5.30 Oz.)



HES16B



HES16C