H HiTRON

10/17/2002

AC TO DC EXTERNAL WALLMOUNT ADAPTER 2-BLADE USA OR JAPAN AC PLUG SINGLE OUTPUT 6 WATTS SWITCHING POWER SUPPLIES HES06B SERIES



FEATURES:

- **STORAGE TYPE AC PLUG & OCCUPY ONE RECEPTACLE POSITION ONLY.**
- **SMALL & COMPACT IN SIZE**
- **EMI MEET CISPR-B/VCCI CLASS 2/FCC CLASS B**
- **MEET JAPAN, USA SAFETY STANDARD**

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: Typ. 90-132Vac.

Input Connector: 2-blade USA /Japan AC plug storage WM1 type.

Input Frequency: 50/60Hz.

Inrush Current: Typ.17.6A @115Vac.

Input Current: 0.12A @115Vac.

Dielectric Withstand: Meet UL60950.

EMI: Meet CISPR-B/VCCI CLASS 2/FCC Class B.

Hold-up Time: Typ.26mS @115Vac.

OUTPUT SPECIFICATION

Output Voltage: See Rating Chart.

Output Current: See Rating Chart.

Output Wattage: 6 Watts Max.

Output Connector: Optional.

Line Regulation: Typ. 0.1%.

Load Regulation: Typ. ±2-3% Max.

Noise & Ripple: Typ. 1% peak to peak.

OVP: Built-in Zener Diode clamping.

Adjustability: Factory set.

Overload Protection: Built-in.

GENERAL SPECIFICATION

Efficiency: Typ. 76%. (Various with output voltage)

Switching Frequency: About 80KHz.

Circuit Topology: Free Running Flyback Circuit.

Transient Response: Output voltage returns in less than 10mS following a 25% load change.

Safety Standard: UL60950/PSE.Class II.

Power Density: 1.89Watts/cubic inch.

Operating Temperature: 0 ~ +40°C.

Storage Temperature: -20 to +85°C.

Temperature Coefficient: 0.04%/°C.

Cooling: Free air convection.

Construction: Impact resistant plastic enclosure case wallmount format.

Notes: (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 (±%).
(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.

In application

MODEL NO. DESCRIPTION: HES06 B- S XXX YYY – S

10/17/2002

- INPUT AC PLUG: [1] WM1:JAPAN USA TYPE
- OUTPUT CURRENT
- OUTPUT VOLTAGE
- SINGLE OUTPUT
- INPUT VOLTAGE "1": 90-132Vac,.
- SERIES NAME (Hitron External Switcher): About 6W.

OUTPUT VOLTAGE/CURRENT RATINGS CHART

SINGLE OUTPUT

MODEL NO.	AC INPUT	AC PLUG	O/P VOLTAGE	O/P CURRENT
HES06B-S033120	**90-123VAC**	WM1	**3.3V**	1.2A
HES06B-S050120	**90-123VAC**	WM1	**5.0V**	1.2A
HES06B-S060100	**90-123VAC**	WM1	**6.0V**	1.0A
HES06B-S090060	**90-123VAC**	WM1	**9.0V**	0.6A
HES06B-S120050	**90-123VAC**	WM1	**12.0V**	0.5A
HES06B-S150040	**90-123VAC**	WM1	**15.0V**	0.4A

MECHANICAL DIMENSIONS: MM [INCHES] **WEIGHT:** 113g(4.0Oz.)

