Hitron

AC/DC EXTERNAL REGULATED WALLMOUNT ADAPTER 2-BLADE USA AND EURO-STECKER AC PLUG SINGLE OUTPUT 1.6-3.6 WATTS LINEAR POWER SUPPLIES HER-35 SERIES



FEATURES:

- SMALL & COMPACT IN SIZE
- **2-BLADES USA & EUROPEAN AC PLUG**
- MEET USA & CANADA STANDARD
- **CE MARKING COMPLIANCE**

SPECIFICATION

INPUT SPECIFICATION Input Voltage: Nominal 100/110/120Vac Custom Vac available. Input Connector: U.S. 2-blade AC plug WM1. Euro-stecker AC plug WM3. Input Frequency: 60Hz.for nominal 100/110/120Vac. 50Hz for nominal 220/230/240Vac. Input Current: 0.1A @120Vac input. Dielectric Withstand: Meet IEC950. EMI: Inherent low conducted and radiated noise level, meet EN 55022 & FCC class B. Hold-up Time: Less than 1mS at nominal input and typical load. Thermal Protection: Thermal fuse installed in the input transformer.

GENERAL SPECIFICATION

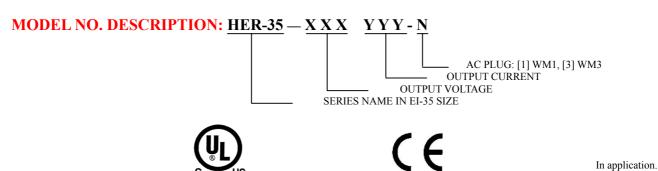
Efficiency: 16% for 3.3V unit typical, 20% for 5V unit, 30% for 12V, 15V and 24V unit.
Circuit Topology: Line frequency lamination steel transformer circuit.
Transient Response: Less than 50μS following a 25% load change.
Safety Standard: Meet UL1950 Class II.

OUTPUT SPECIFICATION

Output Voltage: See Ratings Chart. Output Current: See Ratings Chart. Output Wattage: 1.6-3.6 Watts typical. Output Connector: Optional. Load Regulation: ±5.0% typical at end of 6ft.cord AWG#20 wires. (The exactly voltage regulation obtainable depends upon the output cord & connector selected and load current.) Noise & Ripple: Less than 20 mV. Overload Protection: Protected by thermal fuse buried inside the transformer.

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

NOTE: (1) All measurements are at nominal input, full load, and +25°C unless otherwise specified. (2) Due to requests in market and advances in technology, specifications subject to change without notice.



OUTPUT VOLTAGE / CURRENT RATINGS CHART

U.S.A VERSION Input Voltage 100-120Vac/ Current 0.1A@60Hz

DEFINED OUTPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vdc) / CURRENT (A)
3.3Vdc ≤ Any Voltage ≤ 12.0Vdc	3.3-4.5V/0.60-0.54A, 5.0-7.0V/0.52-0.40A,
	7.50-9.50V/0.40-0.34A, 10.0-12.0V/0.32-0.30A.
12.0Vdc ≤ Any Voltage ≤ 24.0Vdc	12.0-14.5V/0.30-0.25A, 15.0-17.5V/0.24-0.20A,
	18.0-19.5V/0.20-0.18A, 20.0-21.5V/0.18-0.16A
	22 0-24 0V/0 16-0 15A

Note: Refer to the upper Chart or consult factor for the exact Model No. and V/A

SINGLE OUTPUT (Model No. for examples)

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MODEL NO.	AC PLUG	I/P VOLTAGE	O/P VOLTAGE	O/P CURRENT	
HER-35-033060-1	WM1	120Vac	3.3Vdc	0.60A	
HER-35-050052-1	WM1	120Vac	5.0Vdc	0.52A	
HER-35-060050-1	WM1	120Vac	6.0Vdc	0.50A	
HER-35-090034-1	WM1	120Vac	9.0Vdc	0.34A	
HER-35-120030-1	WM1	120Vac	12.0Vdc	0.30A	
HER-35-150024-1	WM1	120Vac	15.0Vdc	0.24A	
HER-35-240015-1	WM1	120Vac	24.0Vdc	0.15A	

EUROPEAN VERSION Input Voltage 220-240Vac/ Current 0.1A@50Hz

DEFINED OUTPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vdc) / CURRENT (A)
3.3Vdc ≤ Any Voltage ≤ 12.0Vdc	3.3-4.5V/0.60-0.54A, 5.0-7.0V/0.52-0.40A,
	7.50-9.50V/0.40-0.34A, 10.0-12.0V/0.32-0.30A,
12.0Vdc ≤ Any Voltage ≤ 24.0Vdc	12.0-14.5V/0.30-0.25A, 15.0-17.5V/0.24-0.20A,
	18.0-19.5V/0.20-0.18A, 20.0-21.5V/0.18-0.16A
	22.0-24.0V/0.16-0.15A.

Note: Refer to the upper Chart or consult factor for the exact Model No. and V/A

SINGLE OUTPUT (Model No. for examples)

MODEL NO.	AC PLUG	I/P VOLTAGE	O/P VOLTAGE	O/P CURRENT
HER-35-033050-3	WM3	220Vac	3.3Vdc	0.50A
HER-35-050048-3	WM3	220Vac	5.0Vdc	0.48A
HER-35-060042-3	WM3	220Vac	6.0Vdc	0.42A
HER-35-090034-3	WM3	230Vac	9.0Vdc	0.34A
HER-35-120030-3	WM3	230Vac	12.0Vdc	0.30A
HER-35-150024-3	WM3	230Vac	15.0Vdc	0.24A
HER-35-240015-3	WM3	230Vac	24.0Vdc	0.15A

MECHANICAL DIMENSIONS: MM [INCHES]

WEIGHT: HER-35 200g(7.05 Oz.)

