



**AC/DC EXTERNAL REGULATED WALLMOUNT ADAPTER  
2-BLADE USA/ 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.

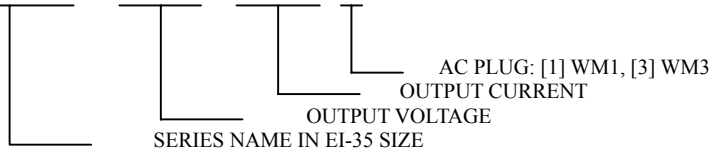
**OUTPUT SPECIFICATION**

**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 exact 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.

**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:** UL1950 & CSA C22.2 NO.950. Class II.  
**Operating Temperature:** 0 to +40°C.  
**Storage Temperature:** -20 to +85°C.  
**Cooling:** Free air convection.  
**Construction:** Impact resistant plastic enclosure case.  
**Wallmount format in EI-35 case.**  
**Weight:** 200g (7.05Oz.)

**MODEL NO. DESCRIPTION: HER-35 — X X X Y Y Y - N**



In application.

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)

MODEL NO.	AC PLUG	I/P VOLTAGE (Vac)	O/P VOLTAGE (Vdc)	O/P CURRENT (A)
HER-35-033060-1	WM1	120Vac	3.3V	0.60A
HER-35-050052-1	WM1	120Vac	5.0V	0.52A
HER-35-060050-1	WM1	120Vac	6.0V	0.50A
HER-35-090034-1	WM1	120Vac	9.0V	0.34A
HER-35-120030-1	WM1	120Vac	12.0V	0.30A
HER-35-150024-1	WM1	120Vac	15.0V	0.24A
HER-35-240015-1	WM1	120Vac	24.0V	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 (Vac)	O/P VOLTAGE (Vdc)	O/P CURRENT (A)
HER-35-033050-3	WM3	220Vac	3.3V	0.50A
HER-35-050048-3	WM3	220Vac	5.0V	0.48A
HER-35-060042-3	WM3	220Vac	6.0V	0.42A
HER-35-090034-3	WM3	230Vac	9.0V	0.34A
HER-35-120030-3	WM3	230Vac	12.0V	0.30A
HER-35-150024-3	WM3	230Vac	15.0V	0.24A
HER-35-240015-3	WM3	230Vac	24.0V	0.15A

**MECHANICAL DIMENSIONS: MM [INCHES]**

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

