

# HiTRON

## AC TO DC EXTERNAL UN-REGULATED WALLMOUNT ADAPTOR DIVERSE AC PLUGS SINGLE OUTPUT 8.4-9.6 WATTS LINEAR POWER ADAPTORS HEA-41 SERIES



### FEATURES:

- COST EFFECTIVE UN-REGULATED ADAPTORS
- WORLDWIDE DIVERSE AC PLUGS
- MEET USA OR EUROPEAN STANDARD
- LOW NOISE MEET EMI REQUIREMENT
- CE MARKING COMPLIANCE

### SPECIFICATION

#### INPUT SPECIFICATION

**Input Voltage:** Nominal 100/110/120Vac or 220/230/240 Vac. Custom Vac available.  
**Input Range:** Typical  $\pm 8.0\%$ .  
**Input Connector:** Wallmount format AC plugs WM1,2 (USA/Japan)/ WM3(Euro-stecker)/ WM5 (UK)/WM6 (Australia).  
**Input Frequency:** 100 ~120Vac / 60Hz typical. 220 ~ 240Vac / 50Hz typical.  
**Input Current:** 120mA max. @120Vac/60Hz. 60mA max. @230Vac/50Hz.  
**Dielectric Withstand:** Meet IEC 950.  
**EMI:** Inherent low conducted and radiated noise level, meet EN55022 & FCC class B.

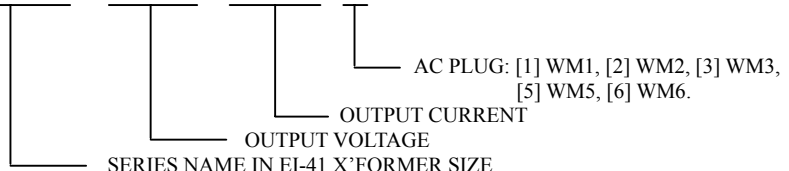
#### OUTPUT SPECIFICATION

**Output Voltage:** See Ratings Chart.  
**Output Current:** See Ratings Chart.  
**Output Wattage:** Max.9.6 VA @115Vac/60Hz input. Max.8.4 VA @230Vac/50Hz input.  
**Output Connector:** Optional.  
**Noise & Ripple:** Typ.20% peak to peak.  
**Overload Protection:** None, only by thermal protection.  
**Thermal Protection:** Thermal fuse installed inside the input transformer.

#### GENERAL SPECIFICATION

**Circuit Topology:** Line frequency lamination steel transformer circuit.  
**Safety Standard:** UL1950 & CSN C22.2 NO. 950 or IEC 950 Class I & II.  
**Operating Temperature:** 0 ~ +40°C.  
**Storage Temperature:** -20°C to +85°C.  
**Cooling:** Free air convection.  
**Construction:** Impact resistant plastic enclosure case.  
**Wallmount format in EI-41 case.**

### MODEL NO. DESCRIPTION: HEA-41 — X X X Y Y Y - N



# OUTPUT VOLTAGE/CURRENT RATINGS CHART

**U.S.A VERSION** Input Voltage: 100-120Vac/120mA @60Hz.

DEFINED O/P VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vdc) / CURRENT (A)
<b>3.0 Vdc <math>\leq</math> Any Voltage <math>\leq</math> 24.0 Vdc</b>	3.0-5.0V/1.5-1.3A, 5.5-7.0V/1.25-1.10A, 7.5-9.50V/1.05-0.90A, 10.0-12.0V/0.85-0.65A, 12.5-15.0V/0.63-0.56A, 15.5-17.5V/5.5-5.1A, 18.0-19.5V/0.50-0.47A, 20.0-22.0V/0.46-0.42A, 22.5-24.0V/0.41-0.4A.

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

**SINGLE OUPUT** (Model No. for examples)

MODEL NO.	AC PLUG	I/P VOLTAGE(Vac)	O/P VOLTAGE (Vdc)	O/P CURRENT (A)
HEA-41-035150-1	WM1	120Vac	3.5V	1.50A
HEA-41-050130-2	WM2	120Vac	5.0V	1.30A
HEA-41-095090-1	WM1	120Vac	9.5V	0.90A
HEA-41-120065-2	WM2	120Vac	12.0V	0.65A
HEA-41-155055-1	WM1	120Vac	15.5V	0.55A
HEA-41-180050-2	WM2	120Vac	18.0V	0.50A
HEA-41-240040-1	WM1	120Vac	24.0V	0.40A

**EUROPEAN VERSION** Input Voltage 230Vac/60mA @50Hz.

DEFINED O/P VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vdc) /CURRENT (A)
<b>5.0 Vdc <math>\leq</math> Any Voltage <math>\leq</math> 24.0 Vdc</b>	5.0-6.5V/1.3A-1.1A, 7.0-8.5V/1.0-0.85A, 9.0-10.50V/0.80-0.65A, 11.0-12.5V/0.65-0.59A, 13.0-15.0V/0.58-0.55A, 15.5-17.5V/5.4-0.48A, 18.0-19.5V/0.46-0.43A, 20.0-22.0V/0.42-0.38A, 22.5-24.0V/0.37-0.35A.

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

**SINGLE OUPUT** (Model No. for examples)

MODEL NO.	AC PLUG	I/P VOLTAGE(Vac)	O/P VOLTAGE (Vdc)	O/P CURRENT (A)
HEA-41-050130-3	WM3	220Vac	5.0V	1.30A
HEA-41-075095-5	WM5	240Vac	7.5V	0.95A
HEA-41-090080-6	WM6	240Vac	9.0V	0.80A
HEA-41-120060-3	WM3	220Vac	12.0V	0.60A
HEA-41-150055-5	WM5	240Vac	15.0V	0.55A
HEA-41-180046-3	WM3	220Vac	18.0V	0.46A
HEA-41-240035-6	WM6	240Vac	24.0V	0.35A

**MECHANICAL DIMENSIONS: MM [INCHES]      WEIGHT: 285g(10.00oz.)**

