



AC/DC EXTERNAL REGULATED WALLMOUNT & DESKTOP ADAPTER DIVERSE AC PLUGS SINGLE OUTPUT 6.0-13.0 WATTS LINEAR POWER SUPPLIES HER-48 SERIES



FEATURES:

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

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: Nominal 100/110/120Vac, range -10% to +6% or 220/230/240Vac, range -10% to +10%. Custom Vac available.

Input Connector:

Wallmount Format: WM1,2(USA/Japan)/ WM3 (Euro-stecker) / WM4 (Schuko-stecker)/ WM5 (UK)/ WM6, 6G(Australia).

Desktop Format: PT1,2,3,4,5,6,

Input Frequency: 60Hz.for nominal 100/110/120Vac. 50Hz.for nominal 220/230/240Vac.

Input Current: 0.25A max. @100-120Vac/60Hz. 0.15A max. @220-240Vac/50Hz.

Dielectric Withstand: Meet IEC 60950.

EMI: Meet EN 55022 / FCC Class B.

Thermal Protection: Thermal fuse installed in the input transformer.

OUTPUT SPECIFICATION

Output Voltage: See Ratings Chart.

Output Current: See Ratings Chart.

Output Wattage: 8.5-13Watts typical @120Vac/60Hz input. 6.0-9.6 Watts typical @220-240Vac/50Hz input.

Output Connector: Optional.

Load Regulation: $\pm 5.0\%$ 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 20mV.

Overload Protection: Protected by thermal fuse buried inside the transformer.

Hold-up Time: Less than 1mS at nominal input and typical load.

GENERAL SPECIFICATION

Efficiency: Various with output voltage.

Typical 28.0-40.0% @100~120Vac/60Hz input.

Typical 20.0-30.0% @220~240Vac/50Hz input.

Circuit Topology: Line frequency lamination steel transformer circuit.

Transient Response: Less than 50 μ S following a 25% load change.

Operating Temperature: 0 to +25/35/40°C without derating. (various with output voltage)

Storage Temperature: -20°C to +85°C.

Cooling: Free air convection.

Construction: Impact resistant plastic enclosure case.

Safety Standard: Meet UL1950/CSA C22.2 NO.950/ EN60950 Class I & II.

Wallmount & Desktop Format in EI-48 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.



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

MODEL NO. DESCRIPTION: HER-48 — X X X Y Y (Y)-N

AC PLUG TYPE:

[1]WM1, [2]WM2, [3]WM3, [4]WM4, [5]WM5,
[6]WM6, [6G] WM6G
[A] PT1, [B] PT2, [C] PT3, [D] PT4, [E] PT5, [F] PT6O/P CURRENT: 2 digit for U.S version.
3 digit for European version.

OUTPUT VOLTAGE

SERIES NAME IN EI-48 X'FORMER SIZE

OUTPUT VOLTAGE / CURRENT RATINGS CHART**U.S.A. VERSION** Input Voltage: 120Vac/ 0.25A @60Hz.

DEFINED OUTPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vdc) / CURRENT (A)
5.0Vdc ≤ Any Voltage ≤ 15.0Vdc	5.0-7.0V/1.7-1.4A, 7.5-9.0V/1.3-1.2A, 9.5-11.0V/1.1A, 11.5-12.0V/1.0A, 12V/1.2A, 12.5-13.0V/0.9A, 13.5-15.0V/0.8A.
15.0Vdc < Any Voltage ≤ 24.0Vdc	15.5-17.0V/0.7A, 17.5-20.0V/0.6A, 20.5-24.0V/ 0.5A.

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	O/P VOLTAGE	O/P CURRENT
HER-48-05017-1	WM1	120Vac	5.0Vdc	1.70A
HER-48-06015-2	WM2	120Vac	6.0Vdc	1.50A
HER-48-09012-1	WM1	120Vac	9.0Vdc	1.20A
HER-48-12010-2	WM2	120Vac	12.0Vdc	1.00A
HER-48-15008-1	WM1	120Vac	15.0Vdc	0.80A
HER-48-24005-2	WM2	120Vac	24.0Vdc	0.50A

EUROPEAN VERSION Input Voltage: 220-240Vac/0.15A @50Hz.

DEFINED OUTPUT VOLTAGE(Vdc)	OUTPUT VOLTAGE (Vdc) / CURRENT (A)
5.0Vdc ≤ Any Voltage ≤ 12.0 Vdc	5.0-7.0V/1.2-1.0A, 7.5-9.5V/0.98-0.90A, 10.0-11.0V/0.88-0.84A, 11.5-12.0V/0.82-0.80A,
12.0Vdc < Any Voltage ≤ 24.0 Vdc	12.5-14.0V/0.77-0.69A, 14.5-16.0V/0.66-0.60A, 16.5-18.0V/0.58-0.53A, 18.5-20.0V/0.52-0.48A, 20.5-22.0V/0.47-0.44A, 22.5-24.0V/ 0.43-0.40A.

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	O/P VOLTAGE	O/P CURRENT
HER-48-050120-3	WM3	220Vac	5.0Vdc	1.20A
HER-48-060110-4	WM4	220Vac	6.0Vdc	1.10A
HER-48-090092-5	WM5	240Vac	9.0Vdc	0.92A
HER-48-120080-6	WM6	240Vac	12.0Vdc	0.80A
HER-48-150064-3	WM3	220Vac	15.0Vdc	0.64A
HER-48-180053-4	WM4	220Vac	18.0Vdc	0.53A
HER-48-200048-5	WM5	240Vac	20.0Vdc	0.48A
HER-48-240040-6	WM6	240Vac	24.0Vdc	0.40A

MECHANICAL DIMENSIONS: MM [INCHES]**WEIGHT: 550g (19.4 Oz.)**