

AC TO DC EXTERNAL REGULATED WALLMOUNT ADAPTOR 2-BLADE USA AC PLUG SINGLE OUTPUT 1.6-3.6 WATTS LINEAR POWER ADAPTORS APS35ER 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: Meets IEC950

EMI: Inherent low conducted and radiated noise level,
meet EN 55022 & FCC class B

Hold-up Time: Less than 1 mS 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: Typ. 1.6 to 3.6 Watts

Output Connector: Optional

Load Regulation: Typ. $\pm 5.0\%$ @ 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

GENERAL SPECIFICATION

Efficiency: Typical 16% for 3.3V unit, 20% for 5V unit,
30% for 12V, 15V and 24V unit

Circuit Topology: Line frequency lamination
steel transformer circuit

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

Safety Standard: UL1950 & CSAC22.2 NO.950 Class II

Operating Temperature: 0 to +40°C

Storage Temperature: -20 to +85°C

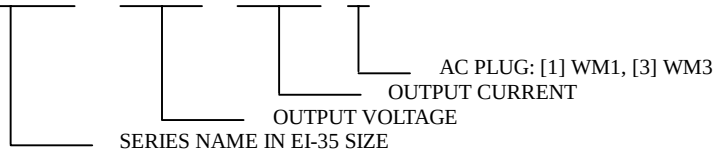
Cooling: Free air convection

Construction: Impact resistant plastic enclosure case

Wallmount format in EI-35 case

Weight: 200g (7.05Oz.)

MODEL NO. DESCRIPTION: APS35ER — X X X Y Y Y - N



In Application.

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)
3.3 Vdc < Any Voltage > 12.0 Vdc	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 > 24.0 Vdc	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)
APS35ER-033060-1	WM1	120Vac	3.3V	0.60A
APS35ER-050052-1	WM1	120Vac	5.0V	0.52A
APS35ER-060050-1	WM1	120Vac	6.0V	0.50A
APS35ER-090034-1	WM1	120Vac	9.0V	0.34A
APS35ER-120030-1	WM1	120Vac	12.0V	0.30A
APS35ER-150024-1	WM1	120Vac	15.0V	0.24A
APS35ER-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)
3.3 Vdc <Any Voltage > 12.0 Vdc	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 > 24.0 Vdc	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)
APS35ER-033050-3	WM3	220Vac	3.3V	0.50A
APS35ER-050048-3	WM3	220Vac	5.0V	0.48A
APS35ER-060042-3	WM3	220Vac	6.0V	0.42A
APS35ER-090034-3	WM3	230Vac	9.0V	0.34A
APS35ER-120030-3	WM3	230Vac	12.0V	0.30A
APS35ER-150024-3	WM3	230Vac	15.0V	0.24A
APS35ER-240015-3	WM3	230Vac	24.0V	0.15A

MECHANICAL DIMENSIONS: MM [INCHES]

WEIGHT: APS35ER 200g(7.05 Oz.)

