

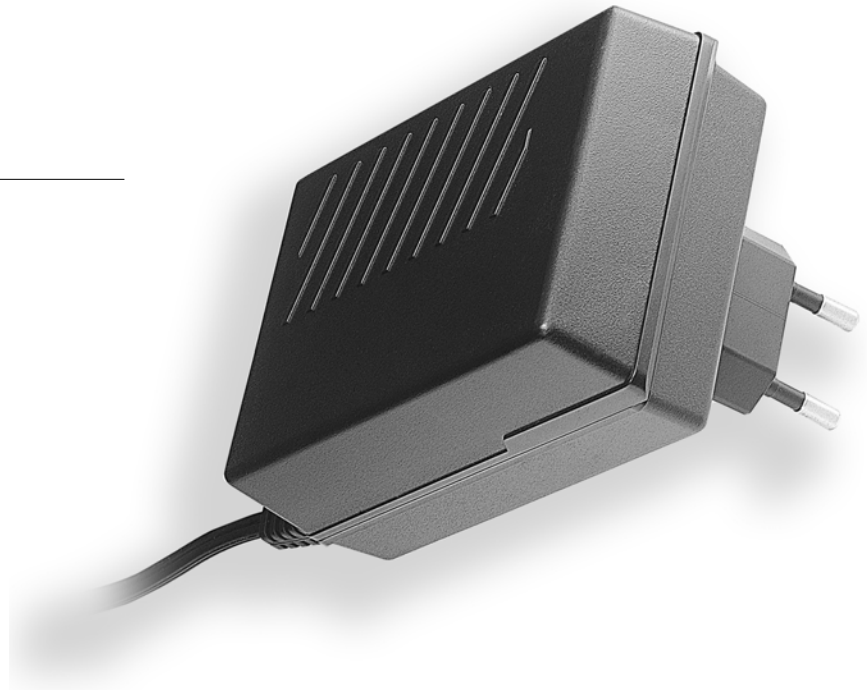
WP30E Series

20-30 Watts

Single Output European Wallmount Switcher

Features:

- * Universal AC Input (90-264 VAC / 47-63 Hz)
- * Small 4.33 x 2.76 x 1.59" European Wallmount Package
- * Plastic (UL 94V-0 Rated) Enclosure
- * 100,000 hours MTBF (25°C Full Load Operation)
- * Class B Emissions
- * International Safety Approvals & CE Mark
- * 3 Year Warranty



Input Specifications:

Input Range	Universal VAC (90-264 VAC)
Input Frequency	47-63 Hz
Inrush Current	25A @ 115VAC / 50A @ 230VAC max (cold start)
Input Current	800mA @ 90 VAC / 350mA @ 200 VAC Maximum
Input Reflected Ripple	FCC 68 part 15 Class B
Efficiency	65% Typical assuming 120 VAC & 25°C Operation
Input Protection	Single Fused (2 Amp / 250 V)
Hold-up Time	Half Cycle Minimum @ 120 VAC and 80% load
Leakage Current	< 750µA maximum @ 264 VAC
Harmonics	EN61000-3-2 Class D

Output Specifications:

Adjustment Range	Fixed at Factory
Minimum Load	See Output Table
Regulation	±5% maximum (line, load & temperature)
Ripple / Noise	± 1% pk-pk max (20MHz)
Transient Response	+/- 5% Deviation / < 1msec recovery
Set-Point Accuracy	±2%
Short Circuit Protection	Continuous
Over Load Protection	125-150%, automatic recovery
Over Voltage Protection	120-150%, latched shutdown

Emissions Standards

FCC Part 15J, Part 2	Within Class B Limits
EN55022 / CISPR22	Within Class B Limits

Electromagnetic Compatibility:

Electrostatic Discharge	EN61000-4-2, ±4KV Contact / ±8KV Air Discharge
Radiated Susceptibility	EN61000-4-3, 26-1000MHz, 10V/M, 80% AM
EFT / Bursts	EN61000-4-4, ± 2KV
Surges	EN61000-4-5, ±2KV Line-Earth, ±1KV Line-Line
Conducted Immunity	EN61000-4-6, 0.15 - 800MHz, 10V, 80% AM
Voltage Dips	EN61000-4-11, 95% Dip & 10ms, 30% Dip & 500ms
Voltage Interruptions	EN61000-4-11, 95% Reduction, 5s
Radiated Emissions	FCC 68 part 15 Class B
Conducted Emissions	FCC 68 part 15 Class B
Harmonic Current	EN61000-3-2 Class D
Fluctuations & Flicker	EN61000-3-3

Environmental Specifications:

Operating Temp	0-40°C Full Load (De-Rate 5% per °C rise to +50°C)
Storage Temp	-20 ~ +85°C
Cooling	Convection cooled operation
Temp Co-Efficient	0.05% per degrees celsius
Humidity	5 to 95% RH Non-Condensing
Vibration	3 Axes 1 Oct/min, 5 min at 4 Res. 0.75G Pk, 5-500Hz
Shock	20G Peak Acceleration
Reliability	>100k hours MTBF (Full Load and 25°C Operation)

International Safety Approvals

Qualified to Meet	TUV EN60950
	CE Mark (LVD)

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Output Table:

Model	Max Power	V1	Io Min	Io Max
WP30050E	20 Watts	5VDC	400ma	4000ma
WP30060E	24 Watts	6VDC	400ma	4000ma
WP30090E	27 Watts	9VDC	300ma	3000ma
WP30120E	30 Watts	12VDC	200ma	2500ma
WP30150E	30 Watts	15VDC	200ma	2000ma
WP30180E	30 Watts	18VDC	200ma	1670ma
WP30240E	30 Watts	24VDC	200ma	1200ma

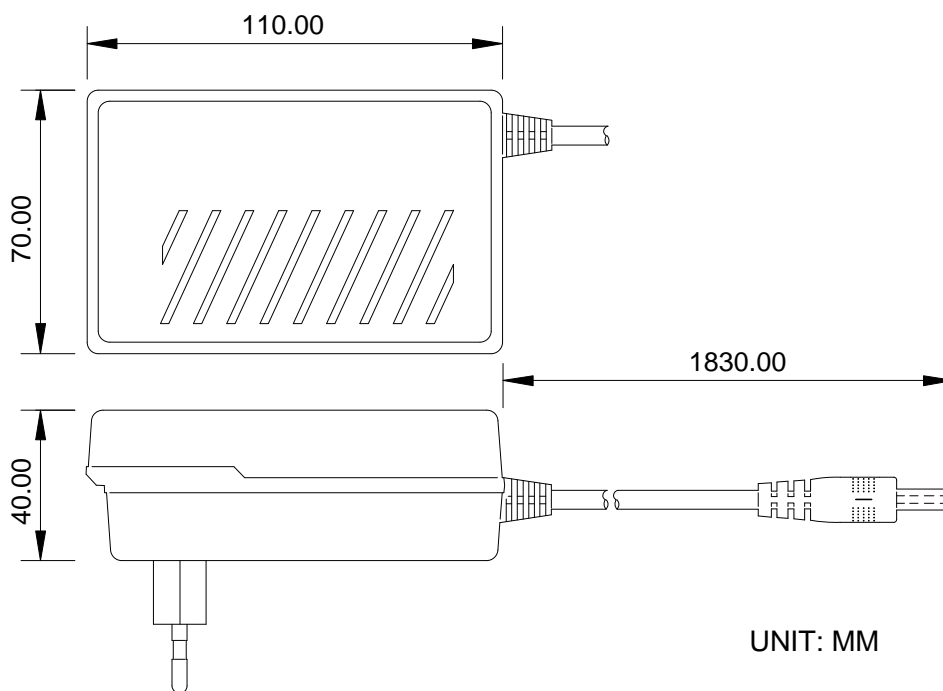
Mechanical Specifications:

Construction: Euro Wallmount

Weight: 0.727 lb / 0.330 kg

The standard output cable length is 6 feet and terminated with a 5.5 x 2.1 x 12mm barrel jack connector (center positive).

Additional output plugs available upon request, minimum quantities may apply.



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