



W3 Series 10 & 18 Watts Wall Mount Adapters



- USA plug
- 90 to 264 VAC input
- High reliability
- Low ripple and noise
- Over voltage protection
- Over load protection
- Short circuit protection
- 3.15" x 2.16" x 1.26" case
- Low cost

Product No.	Model No.	Output Voltage	Output Current	Ripple & Noise	Efficiency
W3-05-10	FSP010-1AD301	5VDC	0-2A	50mV	65%
W3-12-18	FSP018-1AD301	12VDC	0-1.5A	120mV	70%

SPECIFICATIONS All Specifications are typical at nominal input, full load @ 25°C unless otherwise stated.

Input Voltage

90VAC to 264VAC full range, 47Hz to 63Hz

AC Plug

2-prong USA type

DC Output

See table

DC Output Plug

5.5 x 2.1 x 9.5 mm female barrel, center positive
Contact factory for other types.

Inrush Current

15A peak max. @115VAC;
30A peak max. @230VAC, cold start @25°C

Input Current

0.5A RMS max.

Line Regulation

±1%

Load Regulation

±5%

Ripple and Noise

See table

Efficiency

See table

Transient Response

Output recovers in less than 1ms following a 25%
load change

Over Voltage Protection

Set @ 112% to 160% of the nominal output

Over Load Protection

Set @ 110% to 130% of the rated max. load

Short Circuit Protection

Output short circuit (load < 0.1 ohm) protected,
auto-recovery

Hold-up Time

9ms min. @ full load, 115VAC/60Hz

Temperature Range

Operating: 0°C to +40°C
Storage: -30°C to +80°C

Temperature Coefficient

±0.04%/°C max.

Relative Humidity

5% to 95% RH, non-condensing

Agency Approvals

UL1950, CB (per EN 60950)

EMI Standards

FCC Class B, CISPR 22 (EN55022) Class B

MTBF

>100K hours per MIL-HDBK-217F @25°C, full load

Case Material

Black plastic, UL94V-0 rated

Weight

6 oz.