



## 2R Series 36 to 60 Watt Desktop Power Adapters



- 2-pin IEC inlet
- 90 to 264 VAC input
- High reliability
- Low ripple and noise
- Over voltage protection
- Over load protection
- Short circuit protection
- 4.33" x 2.5" x 1.3" case
- High volume @ very low cost

Product No.	Model No.	Output Voltage	Output Current	Ripple & Noise	Efficiency
2R-12-36	FSP036-10AD	12VDC	0-3A	180mV	80%
2R-12-48	FSP048-10AD	12VDC	0-4A	180mV	80%
2R-19-60	FSP060-10AD	19VDC	0-3.16A	270mV	80%

### 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 Inlet

IEC320/C8, 2-prong male

#### DC Output

See table

#### DC Output Plug

5.5 x 2.5 x 12 mm female barrel, right angle, center positive. Contact factory for other types.

#### LED Indicator

Green - operating; Blinking - protection mode

#### Inrush Current

15A peak max. @115VAC;

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

#### Input Current

1.5A RMS max. @115VAC

0.8A RMS max. @230VAC

#### 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, CSA 22.2 No. 950, TUV IEC950/EN60950, NEMKO, CB, CE

#### 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

10.5 oz.

#2R-0101