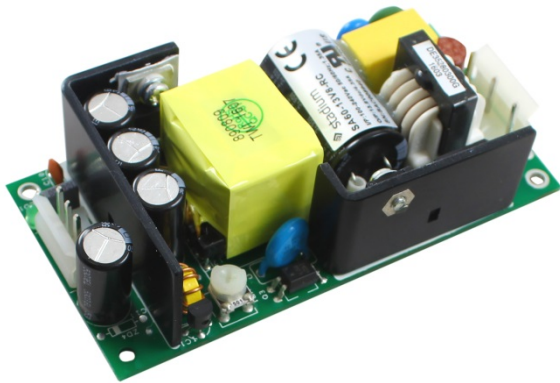




ENGLISH

## SA60 Power Supply Range



### Specifications:

- 60 Watt
- Single output
- High efficiency
- Industry standard size 2"x 4" (110mm x 50.8mm x 29mm(h))
- Open frame or cased option
- Low cost
- Low touch currents
- Low standby power
- Meets requirements of EN61000-3-2 PFC Class A
- Meets requirements of EN55022 'B' for conducted noise



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Characteristics	
Input Voltage	100-230Vac +/- 10%
Frequency Range	50-60Hz
Temperature Range	0-50° ambient (Convection cooled – Uncased)
Input Fuse	T2H 250V TR5
Input Current	1.25Arms (90Vacin, 60W load)
Hold-up Time	8ms (110Vacin, 60W load), 70ms (230Vacin, 60W load)
Power Factor	0.45 (230Vacin, Full load)
Standby Power	0.5W (230Vacin)
Power Limit	115% +/-10% (100Vacin)
Efficiency	Up to 89% (230Vacin, Full load, 48V unit)
OVP	105-125% (latching and non dissipative) recycle input to restart
Short Circuit Protection	Hiccup mode
Signals	O/p LED
Current Limit	Primary side power limit
Thermal Protection	Primary side thermal protection (non-latching)
Load Regulation	+/-0.5%
Line Regulation	+/-0.5%
Ripple & Noise	0.5% (230Vacin, Full load, BW = DC – 10MHz)
Temperature	0°C to +70°C (Derate 2.5% / °C above 50°C)
Cooling	Convection only
Humidity	10-95% non-condensing
Storage	-25°C to +85°C
MTBF	>200,000 hrs 25°C (MIL217F parts count method)
Safety	Certified to EN60950, CE marked against LVD Approved to UL60950 (E207000), CSA C22.2 No.60950 Designed to meet EN60601-1 Designed to meet EN61010-1

Manufacturers Part Number	SA60-5	SA60-12	SA60-13.8	SA60-24	SA60-27.6	SA60-32	SA60-48
RS Stock Code	14823883	14823885	14823887	14823889	14823891	14823893	14823895
Output Voltage	5V	12V	13.8	24.8	27.6	32	48
Output Current	8A	5A	4.35A	2.5A	2.16A	1.87A	1.25A