

## Model: RS-05/12 Series 60W 12V/5A



### INPUT SPEC.

Input Voltage Range: 90-264VAC  
 Input frequency Range: 47-63Hz  
 AC Input Current: 1.2A @100VAC full load  
 Inrush Current: 50A @240VAC cold start  
 No Load Power Consumption: <0.5W@230VAC  
 Efficiency at Full Load: 82% Min.

### OUTPUT SPEC.

Mode	Output Voltage	Output Current	Output Power	Ripple & Noise
RS-05/12-S335	+12VDC	0-5A	60W	120mVp-p

Load Regulation:  $\pm 5\%$   
 Line Regulation:  $\pm 1\%$   
 OVP: 110%-145% of rated output voltage  
 OCP: 120%-180% of rated output current  
 SCP: Hiccup mode, Auto-restart

### EMC & SAFETY

EMI Standard:  
 FCC Part 15B, EN55022 Class B  
 EMS Standard:  
 EN61000-3-2,3 N61000-4-2,3,4,5,6,8,10  
 Safety Standard :  
 IEC/EN60950-1, UL60950-1

### FEATURES

- ☆ Universal AC input voltage
- ☆ PWM switching mode power supply
- ☆ Small size, attractive profile
- ☆ OVP, OCP, SCP
- ☆ LED indication for power on
- ☆ RoHS compliance
- ☆ 100% full load Burn-in test
- ☆ MTBF: more than 50,000Hrs
- ☆ Safety approval:  
 CE, PSE, EK, UL, GS, CB, CCC, FCC
- ☆ DC connector can be selected
- ☆ Meet CEC Level IV Energy Star standard
- ☆ Meet MEPS Level IV Energy Star standard

### RELIABILITY TEST SPEC.

Leakage Current: 0.25mA Max. @264VAC  
 Hi-Pot: Primary to Second  
 1800VAC 1minute, cut off current:5mA, or  
 2545VDC 1minute, cut off current:5mA for 3pin  
 AC inlet power  
 3000VAC 1minute, cut off current:5mA, or  
 4242VDC 1minute, cut off current:5mA for 2pin  
 AC inlet power  
 Insulation Resistance:  
 >50M $\Omega$  Min. @500VDC at Primary to Second  
 Vibration:10-300Hz,1G,10minute/1cycle,  
 3.5mm breadth, period for 1Hr, each axes

### GENERAL SPEC.

AC Input Plug: IEC320 C14/C8/C6  
 Hold Up Time: 10mS Min. @115VAC full load  
 Rise Time: 20mS Max. @115VAC full load  
 DC Cable Length: 1.2m UL1185 18AWG  
 DC Connector: Tuning Fork  
 Unit Weight: 0.32Kg  
 Quantity Per Carton: 50pcs  
 Dimension: L113.5\*W61\*H36.5 (mm)

### ENVIRONMENTAL SPEC.

Operating Temperature: 0 $^{\circ}$ C to +40 $^{\circ}$ C  
 Storage Temperature: -30 $^{\circ}$ C to +70 $^{\circ}$ C