

Model: RS-02/12Wall Series



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, GS, CB, FCC, UL, C-TICK, PSE, EK, CCC, ERP
- ☆ Meet MEPS Level IV requirement
- ☆ DC connector can be selected

RELIABILITY TEST SPEC.

Leakage Current: 0.35mA Max. @264VAC
 Hi-Pot: Primary to Second
 3000VAC 1minute, cut off current:5mA
 Or 4242VDC 1minute, cut off current:5mA
 Insulation Resistance:
 >50MΩ Min. @500VDC at Primary to Second
 Vibration:10-300Hz, 1G, 10minute/1cycle,
 3.5mm breadth, period for 1Hr, each axes

INPUT SPEC.

Input Voltage Range: 90-264VAC
 Input frequency Range: 47-63Hz
 AC Input Current: 0.45A @100VAC full load
 Inrush Current: 50A @240VAC cold start
 No Load Power Consumption: <0.3W@230VAC
 Efficiency at Full Load: 80% Min.

OUTPUT SPEC.

Mode	Output Voltage	Output Current	Output Power	Ripple & Noise
RS-AB02J00	+12VDC	0-2A	24W	120mVp-p

Load Regulation: ±5%
 Line Regulation: ±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

GENERAL SPEC.

AC Input Plug: All kinds of AC plug
 Hold Up Time: 10mS Min. @115VAC full load
 Rise Time: 20mS Max. @115VAC full load
 DC Cable Length: 1.5m UL1185 22AWG
 DC Connector: 2.1*5.5*12mm Tuning Fork
 Unit Weight: 0.14Kg
 Quantity Per Carton: 96pcs
 Dimension: L93.5*W47*H33 (mm)

ENVIRONMENTAL SPEC.

Operating Temperature : 0°C to +40°C
 Storage Temperature: -30°C to +70°C