



Features

- AC input range selectable by switch
- PROTECTION : Shortcircuit, Overvoltage & Overload
- Forced air cooling by build-in DC fan
- 100% full load burn-in test
- CE Marked on all models
- 1 Year Warranty

INPUT SPECIFICATION

Voltage Range	100-120VAC 200-240VDC
Frequency Range	47 - 63Hz
Efficiency	S-800-24: 85%
AC Current (typ.)	13A/ 115 VAC; 8.0A/ 230 VAC
Inrush Current (typ.)	60A / 230VAC (for cold start at 25°C)
Leakage Current	<3.5mA / 240VAC

OUTPUT SPECIFICATION

Rated Current	S-800-24: 33A
Rated Power	800Watts
Voltage ADJ. Range	±10% (with V.ADJ)
Voltage Tolerance	±1%
Ripple & Noise(max)	S-800-24: 240mVp-p
Setup Time	800ms / 230VAC at full load
Rise Time	50ms / 230VAC at full load
Hold Time(Typ.)	16ms / 230VAC at full load

PROTECTION

Overload	110% to 135% rated load current Protection Type : Fold back current limiting, recovers automatically after fault condition is removed
Overvoltage	Protection Type : Hiccup mode, recover automatically after fault condition is removed
Over Temp	TSW1(Power transistor) When temp. >100 °C, shut down o/p voltage, re-power on to recover
Fan Control,O.T.P	RTH1 or RTH250°C FAN ON, 45°C Fan, 70°C output shut down

ENVIRONMENT

Temperature	Working : -10°C to +65°C (derating is required according to temperature) Storage : -20°C to +85°C (with no icing or condensation)
Humidity	Working : 20% to 90% RH Storage : 10% to 95% RH
Vibration Resistance	10 to 200Hz, 10min/1cycle (2G) for 60min each in X, Y, Z directions

STANDARDS

Safety Standards	Meet the UL1950
EMC Standards	Design refer to FCC Part 15 Class A

SECURITY

Isolation Resistance	I/P and O/P ; I/P and FG ; O/P and FG : 100MΩ at 500VDC, 25°C, 70% RH
Withstand Voltage	Between I/P and O/P : 1.5kVAC for 1 min Between I/P and F.G : 1.5kVAC for 1 min Between O/P and F.G : 0.5kVAC for 1 min

OTHER SPECIFICATION

Weight	2.65Kgs
Dimension (L*W*H)	291*132*68mm

ORDER CODE

MODEL	VOLTAGE	CURRENT
S-800-24	24VDC	33A

DIMENSIONS

