



Features

- AC Input Range Selectable By Switch
- PROTECTION : Short-circuit, Over voltage & Overload
- Low Cost & High Reliability
- 100% Full Load Burn-in test
- LED Indicator for Power on
- Cooling by free air convection
- CE Marked on all models
- 1 Year Warranty



INPUT SPECIFICATION

Voltage Range	200-240VAC
Frequency Range	47 - 63Hz
Efficiency	S-200-5 : 76% S-200-24 : 82%
AC Current (typ.)	4.5A / 115VAC 2.5A / 230VAC
Inrush Current (typ.)	50A / 115VAC 50A / 230VAC (for cold start at 25°C)
Leakage Current	<3.5mA / 240VAC

OUTPUT SPECIFICATION

Rated Current	S-200-5 : 40.0A S-200-24 : 8.3A
Rated Power	200Watts
Voltage ADJ. Range	±10% (with V.ADJ)
Voltage Tolerance	±1%
Ripple & Noise (max)	S-200-5 : 150mVp-p S-200-24 : 150mVp-p
Setup Time	200ms / 230VAC at full load
Rise Time	100ms / 230VAC at full load
Hold Time(Typ.)	20ms / 230VAC at full load

PROTECTION

Overload	115% to 135% rated load current Protection Type : Fold back current limiting, recovers automatically after fault condition is removed
Overvoltage	115% to 135% rated load current Protection Type : Shutdown output voltage, re-power on to recover

ENVIRONMENT

Temperature	Working : -10°C to +50°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 500Hz, 10min/1cycle (2G) for 60min each in X, Y, Z directions

STANDARDS

Safety Standards	Meet the UL1950
EMC Standards	Meet the FCC PART15J CLASS A Equipment

SECURITY

Isolation Resistance	I/P and O/P ; I/P and FG ; O/P and FG : 100MΩ at 500VDC, 25°C, 70% RH
Dielectric Strength	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	0.6kg
Dimension (L*W*H)	199*98*38 mm

ORDER CODE

MODEL	VOLTAGE	CURRENT
S-200-5	5VDC	40.0A
S-200-24	24VDC	8.3A

DIMENSIONS

S-200

Terminal Pin No. Assignment

Pin No.	Assignment
1	AC/L
2	AC/N
3	FG
4,5	DC OUTPUT -V
6,7	DC OUTPUT +V

Dimension

PARAMETER	VALUE
Length	199mm
Width	98mm
Height	38mm
Weight	0.600kg