



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
- PMW controls and regulated
- Build-in cooling Fan ON-OFF controls
- CE Marked on all models
- 1 Year Warranty

INPUT SPECIFICATION

Voltage Range	115 to 230VAC
Frequency Range	50 - 60Hz
Efficiency	S-250-24 : 81.5%
AC Current (typ.)	5.0A / 115VAC ; 2.5A / 230VAC
Inrush Current (typ.)	25A / 115VAC ; 50A / 230VAC (for cold start at 25°C)
Leakage Current	<3.5mA / 240VAC

OUTPUT SPECIFICATION

Rated Current	S-250-24 : 10.0A
Rated Power	250Watts
Voltage ADJ. Range	±10% (with V.ADJ)
Voltage Tolerance	±1%
Ripple & Noise(max)	S-250-24 : 120mVp-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	105% to 135% rated load current Protection Type : rated current limit, recovers automatically after fault condition is removed
Over voltage	Protection Type : Hiccup mode, recovers automatically after fault condition is removed
Over temperature	≥55°C fan on, ≤50°C fan off, ≥85°C start over temperature protection Protection Type : cutoff output, auto-recovery after temperature become normal
Temp. Coefficient	±0.03%(0-50)°C

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 EN55022 CLASS B 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	0.95kg
Dimension (L*W*H)	215*115*50 mm

ORDER CODE

MODEL	VOLTAGE	CURRENT
S-250-24	24VDC	10.0A

DIMENSIONS

S-250

Terminal Pin No. Assignment

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

Dimension

PARAMETER	VALUE
Length	215mm
Breadth	115mm
Height	50mm
Weight	0.95kg