



### Features

- AC Input Range Selectable By Switch
- PROTECTION : Short-circuit, Over voltage & 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-350-24 : 82%
AC Current (typ.)	6.5A / 115VAC ; 4.0A / 230VAC
Inrush Current (typ.)	25A / 115VAC ; 50A / 230VAC (for cold start at 25°C)
Leakage Current	<3.5mA / 240VAC

### OUTPUT SPECIFICATION

Rated Current	S-350-24 : 14.6A
Rated Power	350Watts
Voltage ADJ. Range	±10% (with V.ADJ)
Voltage Tolerance	±1%
Ripple & Noise(max)	S-350-24 : 150mVp-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
Overvoltage	Protection Type : Hiccup mode, recovers automatically after fault condition is removed
Overtemperature	≥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 UL1012
EMC Standards	Meet the EN55022 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	1.0kg
Dimension (L*W*H)	215*115*50 mm

### ORDER CODE

MODEL	VOLTAGE	CURRENT
S-350-24	24VDC	14.6A

### DIMENSIONS

#### S-350

#### 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	1.0kg

