

Features

- AC input range selectable by switch
- PROTECTION: Shortcircuit, Overvoltage & Overload
- Compact, 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 90 - 132VAC / 180-264VAC 240 - 370VDC

Frequency Range 47 - 63Hz

LRS350

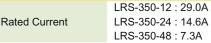
LRS-350-12: 85% Efficiency LRS-350-24: 88%

LRS-350-24:88% LRS-350-48:89%

AC Current (typ.) 6.8A / 115VAC; 3.4A / 230VAC Inrush Current (typ.) 60A / 230VAC (for cold start at 25°C)

Leakage Current <2.0mA / 240VAC

OUTPUT SPECIFICATION



Rated Power 350Watts
Voltage ADJ. Range ±10% (with V.ADJ)

Voltage Tolerance ±1%

LRS-350-12 : 150mVp-p Ripple & Noise(max) LRS-350-24 : 150mVp-p

LRS-350-24 : 150mVp-p

Setup Time 1300ms / 230VAC at full load
Rise Time 50ms / 230VAC at full load
Hold Time(Typ.) 16ms / 230VAC at full load

PROTECTION

Overload

110% to 140% rated load current
Protection Type : Hiccup mode, recovers
automatically after fault condition is removed

Overvoltage

Protection Type : Shutdown output voltage,
re-power on to recover

Shut down o/p voltage, re-power on to recover

ENVIRONMENT

Working: -30°C to +70°C
(derating is required according to temperature)
Storage: -40°C to +85°C
(with no icing or condensation)

Working: 20% to 90% RH
Storage: 10% to 95% RH

10 to 500Hz, 10min/1cycle (2G) for 60min each in X, Y, Z directions

Temp. Coefficient

Temperature

Temperature

Storage: -40°C to +70°C
(derating is required according to temperature)

Temperature

Storage: -40°C to +85°C
(with no icing or condensation)

STANDARDS

Safety Standards Meet the EN60950-1 requirement

EMC Standards Meet the EN55022 (CISPR22), EN55024

EMC Immunity Meet the EN61000-3-2,3

SECURITY

I/P and O/P; I/P and FG; O/P and FG: 100MΩ at 500VDC, 25°C, 70% RH

Between I/P and O/P: 1.5kVAC for 1 min

Between I/P and F.G: 0.5kVAC for 1 min

Between O/P and F.G: 0.5kVAC for 1 min

OTHER SPECIFICATION

Weight 0.76kg
Dimension (L*W*H) 215*115*30 mm

ORDER CODE

MODEL	VOLTAGE	CURRENT
LRS-350-12	12VDC	29.0A
LRS-350-24	24VDC	14.6A
LRS-350-48	48VDC	7.3A

DIMENSIONS

