

- Miniature Size, High Power Density
- Protections : Short Circuit / Overload / OVP
- Meet EMS EN50082-2 / EN61000-6-2 Heavy Industrial Level (35-150W)
- Withstand 300 VAC Surge Input For 5 Seconds
- High Operating Temperature Up To 70 °C
- 5G Vibration Test
- High Efficiency, Long Life And High Reliability
- 100% Full Load Burn-In Test
- 3 Year Warranty
- DIN Rail Mounting Kits Available



Specification

AC Input Voltage Range.....	85-264 VAC (120~370VDC)
AC Inrush Current (max).....	Cold start, 65A @ 230 VAC
DC Output Adjustment Range.....	+/- 10% minimum
Over Load Protection.....	>105% max power hiccup mode, (auto-recovery)
Over Voltage Protection.....	115%-135% rated output voltage, Zener Clamp
Line Regulation.....	+/- 0.5%
Load Regulation.....	+/-0.5% (+/-2% for 3.3V model, +/-1.5% for 5V model)
Isolation Voltage.....	I/P-O/P: 3 kVAC, I/P-F/G: 1.5 kVAC, O/P-F/G: 0.5 kVAC, 1 min.
Operating Temperature.....	-20 to +70 °C (see derating curve)
Vibration.....	10-500 Hz, 5G 10min/1 cycle, period for 60min each along X, Y, Z axes
Safety Standards.....	UL60950-1, TUV EN60950-1 approved
EMC Standards.....	EN55022 class B, EN61000-3-2, 3 EN61000-4-2, 3, 4, 5, 6, 8, 11 ENV50204 Light industry level, Criteria A EN55024, EN61000-6-1,
Dimensions.....	62.5(L) x 51(W) x 28(H) (mm)
MTBF.....	1.61 Mhrs (MIL-HDBK-217F) @ 25 °C
Weight.....	0.13 kg
Connections	Screw terminals with plastic guard.

Models and Ratings

Model	Output	Adj. Range	Ripple/ Noise	Efficiency
RS-15-3.3	3.3 V / 3 A	2.9~3.6 V	80 mV	72%
RS-15-5	5.0 V / 3 A	4.75~5.5 V	80 mV	77%
RS-15-12	12.0 V / 1.3 A	10.8~13.2 V	120 mV	81%
RS-15-15	15.0 V / 1 A	13.5~16.5 V	120 mV	81%
RS-15-24	24.0 V / 0.625 A	22.0~27.6 V	200 mV	82%
RS-15-48	48.0 V / 0.313 A	43.2~52.8 V	200 mV	82%

See next page for mechanical details and derating

