

■ Feature:

- Universal AC input / Full range
- Withstand 300VAC surge input for 5 second
- Small volume and light weight
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- Low power dissipation
- Operating altitude up to 5000 meters (Note.6)
- LED indicator for power on
- 100% full load burn-in test
- · High efficiency, long life and high reliability

SPECIFICATION

₽ □ ₩W C € @ RoHS LVD

MODEL		LRS-150-5	LRS-150-12	LRS-150-15	LRS-150-24	LRS-150-36	LRS-150-48
OUTPUT	DC VOLTAGE	5V	12V	15V	24V	36V	48V
	CURRENT RANGE	0-20A	0-12.5A	0-10A	0-6.5A	0-4.3A	0-3.3A
	RATED CURRENT	20A	12.5A	10A	6.5A	4.3A	3.3A
	RATED POWER	100W	150W	150W	156W	154.8W	158.4W
	RIPPLE&NOISE	120mVp-p	150mVp-p	150mVp-p	200mVp-p	200mVp-p	200mVp-p
	VOLTAGE ADJ. RANGE	±10%	±10%	±10%	±10%	±10%	±10%
	VOLTAGE TOLERANCE	±3%	±2%	±1%	±1%	±1%	±1%
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	LOAD REGULATION	±2%	±1%	±0.5%	±0.5%	±0.5%	±0.5%
	SETUP, RISE TIME	800ms,30ms,	40ms/230VAC	(Full load)			
INPUT	VOLTAGE RANGE	90-132VAC/170-264VAC Select by switch 240-373VDC (Withstand 300VAC surge input for 5 second)					
	FREQUENCY RANGE	47-63Hz					
	EFFICIENCY(Typ)	84.5%	87%	88%	89%	89%	90%
	AC CURRENT	2.8A/115V,1.6A/230VAC					
	INRUSH CURRENT (Typ)						
	LEAKAGE CURRENT	<0.75mA/240VAC					
PROTECTION	OVER LOAD	110%-150%rated output power					
		Protection type: Hiccup mode recovers automatically after fault condition is removed					
	OVER VOLTAGE	15%-135%rated output power					
		Protection type: Shut down o/p voltage, re-power on to recover					
	OVER TEMPERATURE	100°C ± 10°C (RT1 test next to transformer)					
		Protection type: Shut down o/p voltage, recovers automatically after normal temperature					
ENVIRONMENT	WORKING TEMP	-30°C~ +70°C (Refer to "Derating Curve")					
	WORKING HUMIDITY	20%~90%RH non-condensing					
	STORAGE TEMP. HUMIDITY	-40°C~ +85°C;10%~95%RH non−condensing					
	VIBRATION	10~500Hz,3G 10min./1 cycle, 60min. each along X, Y, Z axes					
SAFETY	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC					
	ISOLATION RESISTANCE	I/P-O/P,I/P-FG,O/P-FG:100M Ohms/500VDC/25°C/70%RH					
	SAFETY STANDARDS	Compliance to UL60950-1,TUV EN60950-1,GB4943					
	EMC EMISSION	Compliance to EN55022(CISPR22)Class B,GB9254 Class B,EN55014,EN61000-3-2,3					
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11,EN55024,EN61000-6-2					
OTHERS	DIMENSION	159*97*30mm (L*W*H)					
	PACKING	0.45kg/00pcs	/00kg/0000CB I	VI			
NOTE	 All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 ℃ of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf parallel capacitor. Tolerance: includes set up tolerance, line regulation and load regulation. Line regulation is measured from low line to high line at rated load. Load regulation is measured from 0% to 100% rated load. The ambient temperature derating of 5 /1000m is needed for operating altitude greater than 2000m(6500ft). The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. 						



