

SPECIFICATION

MODEL		LRS-250-12	LRS-250-15	LRS-250-24	LRS-250-36	LRS-250-48
OUTPUT	DC VOLTAGE	12V	15V	24V	36V	48V
	RATED CURRENT	20A	16A	10A	6.7A	5A
	CURRENT RANGE	0 ~ 20A	0 ~ 16A	0 ~ 10A	0 ~ 6.7A	0 ~ 5A
	RATED POWER	240W	240W	240W	241.2W	240W
	RIPPLE & NOISE (max.) Note.2	150mVp-p	150mVp-p	150mVp-p	200mVp-p	200mVp-p
	VOLTAGE ADJ. RANGE	10.2 ~ 13.8V	13.5 ~ 18V	21.6 ~ 28.8V	32.4 ~ 39.6V	43.2 ~ 52.8V
	VOLTAGE TOLERANCE Note.3	±1.5%	±1.0%	±1.0%	±1.0%	±1.0%
	LINE REGULATION Note.4	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	LOAD REGULATION Note.5	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%
	SETUP, RISE TIME	1300ms, 50ms/230VAC 1300ms, 50ms/115VAC at full load				
	HOLD UP TIME (Typ.)	16ms/230VAC 12ms/115VAC at full load				
INPUT	VOLTAGE RANGE	90 ~ 132VAC / 180 ~ 264VAC by switch 240 ~ 370VDC (switch on 230VAC)				
	FREQUENCY RANGE	47 ~ 63Hz				
	EFFICIENCY (Typ.)	87.5%	88%	89.5%	89.5%	90%
	AC CURRENT (Typ.)	5.0A/115VAC 2.5A/230VAC				
	INRUSH CURRENT (Typ.)	COLD STAR 60A/115VAC 60A/230VAC				
LEAKAGE CURRENT	<2mA / 240VAC					
PROTECTION	OVER LOAD	110 ~ 140% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed				
ENVIRONMENT	WORKING TEMP.	-20 ~ +70°C (Refer to "Derating Curve")				
	WORKING HUMIDITY	20 ~ 90% RH non-condensing				
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH				
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)				
	VIBRATION	10 ~ 500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes				
SAFETY	SAFETY STANDARDS	EN60950-1 approved				
	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH				
OTHERS	MTBF	347.5K hrs min. MIL-HDBK-217F (25°C)				
	DIMENSION	215*115*30mm (L*W*H)				
	PACKING	0.66Kg				

