

### SPECIFICATION

MODEL	LRS-50-12	LRS-50-15	LRS-50-24	LRS-50-36	LRS-50-48			
OUTPUT	DC VOLTAGE	12V	15V	24V	36V	48V		
	RATED CURRENT	4.2A	3.4A	2.2A	1.45A	1.1A		
	CURRENT RANGE	0 ~ 4.2A	0 ~ 3.4A	0 ~ 2.2A	0 ~ 1.45A	0 ~ 1.1A		
	RATED POWER	50.4W	51W	52.8W	52.2W	52.8W		
	RIPPLE & NOISE (max.) Note.2	120mVp-p	120mVp-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	±1.0%	±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	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%		
	SETUP, RISE TIME	1000ms, 30ms/230VAC      2000ms,30ms/115VAC at full load						
	HOLD UP TIME (Typ.)	30ms/230VAC      12ms/115VAC at full load						
INPUT	VOLTAGE RANGE	85 ~ 264VAC      120 ~ 373VDC						
	FREQUENCY RANGE	47 ~ 63Hz						
	EFFICIENCY (Typ.)	80%	83%	86%	88%	88%	89%	90%
	AC CURRENT (Typ.)	0.95A/115VAC      0.56A/230VAC						
	INRUSH CURRENT (Typ.)	COLD START 45A/230VAC						
	LEAKAGE CURRENT	<0.75mA / 240VAC						
PROTECTION	OVER LOAD	110 ~ 150% 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 & EMC	SAFETY STANDARDS	EN60950-1, EN60335-1, EN61558-1 2 16 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	645K hrs min.    MIL-HDBK-217F (25°C)						
	DIMENSION	99*82*30mm (L*W*H)						
	PACKING	0.23Kg; 60pcs/14.8Kg/0.88CUFT						

