

### SPECIFICATION

MODEL		LRS-120-12	LRS-120-15	LRS-120-24	LRS-120-36	LRS-120-48		
OUTPUT	DC VOLTAGE	12V	15V	24V	36V	48V		
	RATED CURRENT	10A	8A	5A	3.3A	2.5A		
	CURRENT RANGE	0 ~ 10A	0 ~ 8A	0 ~ 5A	0 ~ 3.3A	0 ~ 2.5A		
	RATED POWER	120W	120W	120W	118.8W	120W		
	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	500ms, 30ms/230VAC    500ms,30ms/115VAC at full load						
HOLD UP TIME (Typ.)	55ms/230VAC    10ms/115VAC at full load							
INPUT	VOLTAGE RANGE	85 ~ 264VAC    120 ~ 373VDC (Withstand 300VAC surge for 5sec. Without damage)						
	FREQUENCY RANGE	47 ~ 63Hz						
	EFFICIENCY (Typ.)	84.5%	86%	88%	88.5%	90%	90.5%	91%
	AC CURRENT (Typ.)	2.3A/115VAC		1.5A/230VAC				
	INRUSH CURRENT (Typ.)	COLD START 50A/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						
	WORKING TEMP.	-20 ~ +70°C (Refer to "Derating Curve")						
ENVIRONMENT	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 , 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	720.6K hrs min.    MIL-HDBK-217F (25°C)						
	DIMENSION	129*97*30mm (L*W*H)						
	PACKING	0.34Kg						

