

### SPECIFICATION

MODEL		LRS-400-12	LRS-400-15	LRS-400-24	LRS-400-36	LRS-400-48			
OUTPUT	DC VOLTAGE	12V	15V	24V	36V	48V			
	RATED CURRENT	33A	26.6A	16.5A	11A	8.3A			
	CURRENT RANGE	0 ~ 33A	0 ~ 26.6A	0 ~ 16.5A	0 ~ 11A	0 ~ 8.3A			
	RATED POWER	396W	399W	396W	396W	398.4W			
	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.)	79.5%	81.5%	83.5%	85%	86%	88%	88.5%	89%
	AC CURRENT (Typ.)	6.8A/115VAC    3.4A/230VAC							
	INRUSH CURRENT (Typ.)	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							
FUNCTION	FAN ON/OFF CONTROL	RTH3 ≥ 50°C FAN ON, ≤ 40°C FAN OFF							
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	327.9K hrs min.    MIL-HDBK-217F (25°C)							
	DIMENSION	215*115*30mm (L*W*H)							
	PACKING	0.76Kg							

