



ספק כוח LRS-100W-24V
מק"ט- 3168

Length	129 mm
width	97 mm
height	30 mm

OUTPUT	DC VOLTAGE	24V
	RATED CURRENT	4.2A
	CURRENT RANGE	0 ~ 4.2A
	RATED POWER	100.8W
	RIPPLE & NOISE (max.) Note.2	150mVp-p
	VOLTAGE ADJ. RANGE	21.6 ~ 28.8V
	VOLTAGE TOLERANCE Note.3	±1.0%
	LINE REGULATION	±0.5%
	LOAD REGULATION	±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.)	90%
	AC CURRENT (Typ.)	2.1A/115VAC 1.2A/230VAC
	INRUSH CURRENT (Typ.)	COLD START55A/230VAC
	LEAKAGE CURRENT	<0.75mA/ 240VAC
PROTECTION	OVER LOAD	Output power >105% rated for more than 5 seconds then shut down o/p voltage, re-power on to recover
		Output power , hiccup mode, recovers automatically after fault condition is removed >200%rated
	OVER VOLTAGE	28.8 ~ 33.6V
		Protection type : Shut down o/p voltage, re-power on to recover
ENVIRONMENT	WORKING TEMP.	-30 ~ +70°C(Refer to "Derating Curve")
	WORKING HUMIDITY	20 ~ 90% RH non-condensing
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH non-condensing
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)
	VIBRATION	10 ~ 500Hz, 5G 10min./1cycle, 60min. each along X,Y, Z axes
SAFETY & EMC (Note 8)	SAFETY STANDARDS	UL62368-1,TUV BS EN/EN62368-1, BS EN/EN61558-1 216 Q .1,BSMI CNS14336-1, /- ,C C GB4943 EACTPTC 004,S/NZS62368.1(by CB), BIS IS13252(Part1): 2010/IEC 60950-1: 2005 approved Designed refer toAS/NZS 61558.1/2.16,AS/NZS 62368.1
	WITHSTAND VOLTAGE	I/P-O/P:4KVAC I/P-FG:2KVAC O/P-FG:1.25KVAC
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH
	EMC EMISSION	Compliance to BS EN/EN55032 (CISPR32) Class B,BS EN/EN55014, BS EN/EN61000-3-2 ClassA(≤80% Load), BS EN/EN61000-3-3, BSMI CNS13438, EACTPTC 020
	EMC IMMUNITY	Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN61000-6-2 (BS EN/EN50082-2),BS EN/EN55035, heavy industry level, EACTPTC 020
OTHERS	PACKING	0.35Kg ; 40pcs/15Kg/0.92CUFT
NOTE	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.</p> <p>3. Length of set up time is measured at cold first start. Turning ON/OFF the power supply very quickly may lead to increase of the set up time.</p> <p>4. The power supply is considered a component which will be installed into a final equipment. All the EMC tests are been executed by mounting the unit on a 360mm*360mm metal plate with 1mm of thickness. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." (as available on http://www.meanwell.com)</p> <p>5. RCM is on voluntary basis and meets relevant IEC or AS/NZS standards complying with AS/NZS 4417.1.</p> <p>Product Liability Disclaimer: For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx</p>	