



SDR-240-24 M

OUTPUT	DC VOLTAGE	24V		
	RATED CURRENT	10A		
	CURRENT RANGE	0 ~ 10A		
	RATED POWER	240W		
	RIPPLE & NOISE (max.) Note.2	80mVP-P		
	VOLTAGE ADJ. RANGE Note.7	24~28V		
	VOLTAGE TOLERANCE Note.3	±1.0%		
	LINE REGULATION	±0.5%		
	LOAD REGULATION Note.8	±1.0%		
	SETUP, RISE TIME Note.9	800ms, 40ms/230VAC	800ms, 40ms/115VAC at full load	
	HOLD UP TIME (Typ.)	24ms/230VAC	24ms/115VAC at full load	
INPUT	VOLTAGE RANGE Note.5	110-240VAC input	120-370vDC	
	FREQUENCY RANGE	47 ~ 63Hz		
	POWER FACTOR (Typ.)	0.96/230VAC	0.99/115VAC at full load	
	EFFICIENCY (Typ.)	84%		
	AC CURRENT (Typ.)	2.8A/115VAC	1.4A/230VAC	
	INRUSH CURRENT(max.)	COLD START 27A/115VAC	45A/230VAC	
	LEAKAGE CURRENT	<3.5mA / 240VAC		
PROTECTION	OVERLOAD	105~150% rated output power Protection type : Constant current limiting, recovers automatically after fault condition is removed		
	OVER VOLTAGE	30 ~ 36V Protection type : Shut down o/p voltage, re-power on to recover		
	OVER TEMPERATURE	100°C± 5°C (TSW1) detect on heat sink of power transistor Protection type : Shut down o/p voltage, recovers automatically after temperature goes down		
ENVIRONMENT	WORKING TEMP.	-10 ~ +70°C(Refer to "Derating Curve")		
	WORKING HUMIDITY	20 ~ 90% RH non-condensing		
	STORAGE TEMP.,	-20 ~ +85°C 10 ~ 95% RH		

	HUMIDITY	
	TEMP. COEFFICIENT	±0.03%/°C(0 ~ 50°C)
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes; Mounting: Compliance to IEC60068-2-6
SAFETY & EMC	SAFETY STANDARDS	UL508, UL60950-1, TUV EN60950-1 approved
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC 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
	EMI CONDUCTICN& RADIATION	Compliance to EN55011, EN55022(CISPR22)classB
	HARMONICCURRENT	Compliance to EN61000-3-2,-3
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, ENV50204, EN55024, EN61000-6-2 (EN50082-2), heavy industry level, criteria A
OTHERS	MTBF	289.9Khrs min. MIL-HDBK-217F (25°C)
	DIMENSION	125.5*125.2*100mm (W*H*D)
	PACKING	1.2Kg; 12pcs/15.5Kg/1.29CUFT

