



Product explains:

MODEL		12	24
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	18A	10A
	CURRENT RANGE	0 ~ 18A	0 ~ 10A
	RATED POWER	216W	240W
	RIPPLE & NOISE (max.) Note.2	150mVp-p	180mVp-p
	VOLTAGE ADJ. RANGE	10 ~ 14V	20 ~ 28V
	VOLTAGE TOLERANCE Note.3	±1.0%	±1.0%
	LINE REGULATION	±0.5%	±0.5%
	LOAD REGULATION	±0.5%	±0.5%
	SETUP, RISE, HOLD TIME	1000ms, 20ms, 36ms at full load	
INPUT	VOLTAGE RANGE	88 ~ 132VAC / 176 ~ 264VAC switch	248 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz	
	EFFICIENCY (Typ.)	82%	84%
	AC CURRENT	5A/115VAC	2.5A/230VAC
	INRUSH CURRENT (max.)	15A/115VAC	30A/230VAC
	LEAKAGE CURRENT	<2mA / 240VAC	
PROTECTION	OVERLOAD	105 ~ 135% rated output power	
		Protection type : Hiccup mode, recovers automatically after fault condition is removed.	

	<b>OVER VOLTAGE</b>	14.4 ~ 16.8V	g
		Protection type : Hiccup mode, recovers automatically after fault condition is removed.	
<b>FUNCTION</b>	<b>FAN CONTROL,O.T.P.</b>	RT1 $\geq 40^{\circ}\text{C}$ FAN ON, $\leq 35^{\circ}\text{C}$ FAN OFF, $\geq 70^{\circ}\text{C}$ output shut down	
<b>ENVIRONMENT</b>	<b>WORKING TEMP.</b>	-10 ~ +60°C (Refer to output load derating curve)	
	<b>WORKING HUMIDITY</b>	20 ~ 90% RH non-condensing	
	<b>STORAGE TEMP., HUMIDITY</b>	-20 ~ +85°C, 10 ~ 95% RH	
	<b>TEMP. COEFFICIENT</b>	$\pm 0.03\%/^{\circ}\text{C}$ (0 ~ 50°C)	
	<b>VIBRATION</b>	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes	
<b>SAFETY &amp; EMC(Note 4)</b>	<b>SAFETY STANDARDS</b>	Design refer to UL1950, TUV EN60950 (7.5V Design refer to TUV EN60950-1)	
	<b>WITHSTAND VOLTAGE</b>	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC	
	<b>ISOLATION RESISTANCE</b>	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC	
	<b>EMI CONDUCTION &amp; RADIATION</b>	Compliance to EN55022 (CISPR22) Class B	
	<b>HARMONIC CURRENT</b>	Compliance to EN61000-3-2,-3	
	<b>EMS IMMUNITY</b>	Compliance to EN61000-4-2,3,4,5,6,8,11;ENV50204,Light industry level,criteria A	
<b>OTHERS</b>	<b>MTBF</b>	179.3K hrs min. MIL-HDBK-217F (25°C)	
	<b>DIMENSION</b>	190*93*65mm (L*W*H)	
	<b>PACKING</b>	1.02Kgs/pcs, 12pcs/12.3Kgs/0.46CUFT	
<b>NOTE</b>	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.</p>		