


**EBCHQ**
**Product explains:**

MODEL	12	24	
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	18A	10A
	CURRENT RANGE	0 ~ 30A	0 ~ 15A
	RATED POWER	360W	360W
	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.	
	OVER VOLTAGE	14.4 ~ 16.8V	g Protection type : Hiccup mode, recovers automatically after fault condition is removed.
FUNCTION	FAN CONTROL,O.T.P.	RT1 ≥40°C FAN ON, ≤35°C FAN OFF, ≥70°C output shut down	
ENVIRONMENT	WORKING TEMP.	-10 ~ +60°C (Refer to output load derating curve)	
	WORKING HUMIDITY	20 ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH	
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)	
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes	
SAFETY & EMC(Note 4)	SAFETY STANDARDS	Design refer to UL1950, TUV EN60950 (7.5V Design refer to TUV EN60950-1)	
	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 CONDUCTION & RADIATION	Compliance to EN55022 (CISPR22) Class B	
	HARMONIC CURRENT	Compliance to EN61000-3-2,-3	
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11;EN50204, Light industry level,criteria A	
OTHERS	MTBF	179.3K hrs min. MIL-HDBK-217F (25°C)	
	DIMENSION	190*93*65mm (L*W*H)	
	PACKING	1.02Kgs/pcs, 12pcs/12.3Kgs/0.46CUFT	
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 &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>		