



■ Features:

- Universal AC input/Full range
- Protections: Over current / Over Voltage
- 100% full load burn-in test
- Cooling by free air convection
- High efficiency up to 83%
- Low cost, high reliability
- 2 year warranty



SPECIFICATION

MODEL	208910		
OUTPUT	DC VOLTAGE	12V	
	RATED CURRENT	10A	
	CURRENT RANGE	0 ~ 10A	
	RATED POWER	120W	
	RIPPLE & NOISE (max.)	200mVp-p	
	VOLTAGE ADJ. RANGE	11.5 ~ 12.5V	
	VOLTAGE TOLERANCE	±5.0%	
	LINE REGULATION	±3%	
	LOAD REGULATION	±5.0%	
	TURN ON DELAY TIME	2Second Max. at 115Vac input and output Max. load.	
	RISE TIME	40 ms Max. at 115Vac input and output Max load.	
	HOLD UP TIME(Typ.)	5ms/115VAC at full load	
	EFFICIENCY	80% Min, At 100Vac input voltage, 1/4, 1/2, 3/4 and full load calculation average efficiency.	
INPUT	RATED VOLTAGE	100 ~ 240VAC	
	VARIATION RANGE	90 ~ 264VAC	
	RATED FREQUENCY	50 ~ 60Hz	
	VARIATION FREQUENCY	47 ~ 63Hz	
	EFFICIENCY (Typ.)	80%	
	AC CURRENT (Typ.)	1.8Amps max At any input voltage and rated, DC output rated load.	
	INRUSH CURRENT (Typ.)	30Amps Max Cold start at 240Vac input, with rated load and 25℃ ambient.	
	LEAKAGE CURRENT	3mA Max. At 240Vac input	
PROTECTION	Over current Protection	The power supply will be auto recovered when over current faults remove.	
	Over Voltage Protection	The power supply will auto recovered when faults remove 120%~170%.	
ENVIRONMENT	WORKING TEMP.	0 ℃~ +40 ℃,Full load, Normal operation.	
	WORKING HUMIDITY	5%(0℃)~90%(40℃)RH,72Hrs,Full load, Normal operating.	
	STORAGE TEMP., HUMIDITY	-20 ℃~ +85 ℃,5~ +90% RH	
	Vibration	Operating	IEC 721-3-3 3M3 5~9Hz,A=1.5mm(9~200Hz,Acceleration 5m/s ²)

208910 120W AC-DC Single Output Desktop

		Transportation	IEC 721-3-2 2M2 5-9Hz,A=3.5mm 9~200Hz,Acceleration=5m//s ² 200~500HzAcceleration=15m//s ²
		Axes,10 cycles per axis	No permanent damage may occur during testing. The SAMPLE has to restore to its original situation after power off/on..
	Dropping Packed		1M for wall mount type and 0.76M for desktop type as above described.
			The horizontal surface consists of hardwood at least 13mm thick, mounted on two layers of plywood each 19mm to 20mm thick, all supported on a concrete or equivalent non-resilient floor.
SAFETY	SAFETY STANDARDS	CE approved	
	WITHSTAND VOLTAGE	Primary to secondary:3000Vac10mA/3S for type test. Primary to secondary:10MΩ min at 500V DC.	
	EMI STANDARD	<1>.Fcc part15 class B rules <2>.EN55022 class B rules <3>.GB9254-1998,GB17625.1-2003	
OTHERS	DIMENSION	135*58*40mm (L*W*H) DC PIN 5.5*2.5*11MM	
NOTE	1. The ripple and noise are as follows when measure with Max. Bandwidth of 20MHz and Parallel 4.7uF/0.1uF,crossed connected at testing point.		

■ Mechanical Specification

