

PSU-1314-8A

Features:

- 1. 120W Output UPS Power Supply
- 2. Output voltage & current: DC13.8V 8A
- 3. Input voltage range: 90~264VAC
- 4. Built in EMI filter with tiny ripple
- 5. 100% full load burn-in test
- 6. Air Cooling
- 7. Protection: Short circuit/ Overload/ Over voltage/ Over temperature
- 8. Built-in constant current limiting circuit (C.C.+C.V.mode)



Specification:

Model		PSU-1314-8A	PSU-2614-4A
Output	DC output Voltage	13.8V±10%	27.6V±10%
	Output Current Range	0-8A	0-4A
	Start, Rise, Hold Time	600ms, 50ms, 80ms/230VAC; 1200ms, 50ms, 16ms/115VAC	
	Charging Voltage	13.4V	26.5V
	Recharging Current	0.5A	0.3A
	Wave and Noise	120mVp-p	180mVp-p
	DC output Power	117.1W	118.4W
	Efficiency	84%	86%
	DC Voltage Adjustable Scope	(at full load) ≤0.5%	
Input	Voltage Range	90~132VAC/ 180~264VAC 47-63Hz	
	Input Current	2.8A/115V, 1.4A/230V	
	Leakage Current	<1mA/ 240VAC	
	Inrush Current	Cold start 30A/120VAC, 50A/230VAC	
Protection	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed	
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off	
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)	
Environment	Work temperature & humidity	-10°C~+50°C, 20~90%RH	
	Store temperature & humidity	-20°C~+85°C, 10~95%RH	
	Temperature coefficient	±0.03%/°C(0~50°C)	
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES	
Safety	Withstand voltage	I/P-O/P: 1.5KVAC, 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	
Standard	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013	
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015	
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.	
Other	Dimension	159*97*38mm (L*W*H)	
	Weight	0.56kg/45pcs/26kg/0.041m³	

Notes	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure
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