HILTRON security

AL200W

200W single output UPS switching power supply

Specification

DC output voltage	C H 1: 13. 8 V	C H 2:13.8V(charge battery)
Output voltage error（Note：2）	±1%	-----
Rated output current	5A	18A
Output current rage	0-5A	-----
Wave and noise(Note ：3）	120mVp-p	-----
DC output power	70W	
Efficiency	84%	84 %
Adjustable range for DC voltage	C H 1:1 1.3～14.2 V	C H 2:10～1 3.8 V
AC input voltage range	88-132VAC/170-264V AC Selected by switch,47-63Hz：240-370VDC	
Input current	3.5A/115VAC 2A/230VAC	
AC Inrush current	50A/115VAC 50A/230VAC	
Leakage current	<1mA/240VAC	
Overload protection	105%-150%Type:Foldback:current limiting reset: auto recovery	
Battery low voltage protection	9.5～11V	
UPS function	High efficiency charge, Battery can be charged more than 90% full	
	Cut charging automatically when finish charge, protect battery from overcharge	
	Utility Power and battery switch automatically	
	Cold start function, battery can start UPS when utility power cut	

Temperature coefficient	±0.03%/℃（0-50℃）
Setup rise hold up time	200ms,50ms,20ms
Vibration	10-500Hz,2G 10min,/1cycle，Period for60min，Each axes
Withstand voltage	Input and output internal：1.5KVAC,Input and enclosure：1.5KVAC,Output and enclosure：0.5KVAC
Isolation resistance	Input and output internal: Input and enclosure, Output and enclosure：500VDC/100MΩ
Working temperature and humidity	-10℃~+60℃（Refer to output derating curve），20%~90%RH
Store temperature and humidity	-20℃~+85℃。10%~95%RH
Overall dimension	215*115*50
Weight	0.7Kgs

Note：

1.The testing condition for the parameter above is :230VAC input, rated load,25℃70% RH.Humidity.

2. Error.include the setting error, line stability and load stability. (Note: 5).

3.Wave test: adopting "A12"double wire for 20MHz, and 0.1UF&47UF capacitor short-circuit for interrupting.

4. Inlet voltage stability test: when is over load, the lowest voltage of inlet is up to the highest voltage.

5. Load stability test: the load is from 0% to 100%.

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