


# Product specification

product	1 000W
type:	A3
version	S2 0 22051202
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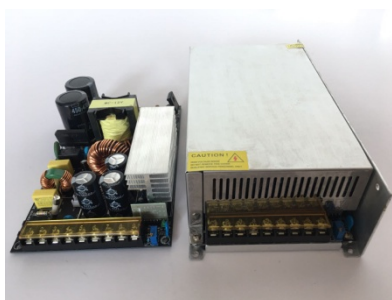
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revision history

Versi on	Reason for revision	modify the content	time
A1	initial issue		2017.03.22
A2	increase temperature control		2018.04.07
A3	380V AC input		2022.05.12



## 1 0 00W specifications

output characteristics	The output voltage	12V	24V	36V	48V	60V
	rated current	83A	42A	27. 8A	21A	16. 7A
	ripple	120mVp-p	120mVp-p	120mVp-p	120mVp-p	120mVp-p
	Output accuracy	±1 %	±1 %	±1 %	±1 %	±1 %
	line regulation	±1 %	±1 %	±1 %	±1 %	±1 %
	Hello Elena	±1 %	±1 %	±1 %	±1 %	±1 %
	rated power	1 0 00W	1 0 00W	1 0 00W	1 0 00W	1 0 00W
	output range	12V	24V	36V	48V	60V
	Setup, rise, hold time	250ms, 30ms, 20ms/220VAC				
input characteristics	Input voltage range	100-130/180-240V switch switch				
	Input Current	10A				
	Frequency Range	47-63HZ				
	efficiency	85%	88%	88%	90%	90%
	electric shock	40A/220V				
	leakage current	<2Ma/220V				
protective properties	overload protection	105-150% rated power, automatic recovery				
	Short circuit protection	Constant current output when short circuit, automatic recovery after release				
Other functions						
Environmental parameters	Working temperature, humidity	-40℃--+50℃@100%LOAD, +60℃@60%LOAD, 20%-90%RH				
	Storage temperature and humidity	-20℃--+85℃, 10%-95%RH				
	humidity drift	±0. 03%/℃ (0-50℃)				
	vibration	10-500HZ, 2G 10min/1cycle, PERLOD ROR 60min. EACHAXES				
Safety and EMC	Safety standard	MEETGB4943				

standards	withstand voltage	I/P0/P:1.5KVAC I/P-FG:1.5KVAC OP/FG:0.5KVAC 1min
	Insulation resistance	I/P0/P, I/P-FG, O/P-FG : 500VDC/100M Ohms
other	size	240*125*65mm
	weight	About 1.2KG
Remark	1. All parameters are measured under the conditions of rated voltage 220VAC input, rated load, ambient temperature 20 degrees, humidity 70%;	
	2. Accuracy: including setting error, line regulation rate, load regulation rate, etc. ;	
	3. Ripple test: Connect the power supply and load with a 30CM long twisted wire, and connect 0.1u and 47u capacitors at the load end, and measure it at the load end with a 20MHZ oscilloscope;	
	4. Line regulation: Under rated load conditions, the input voltage is measured from low to high;	
	5. Load regulation: the measured output is measured from 0% load to 100% load change;	
	6. Each channel can output the maximum current, but the sum of the total load cannot exceed the maximum output power.	

