



Features:

- **Protection: short circuit, overcurrent and overload**
- **Reasonable circuit design and layout, high conversion efficiency and low temperature rise**
- **Small output ripple, high work efficiency, small size and light weight**
- **Impact testing for every product**
- **100% full load aging test**

SKU		SJ-CB48V200W	
Output	DC Voltage	48V	
	Rated Current	4.16A	
	Current Range	0~4.16A	
	Rated Power	200W	
	Ripple and Noise	240mV	
	Voltage adjustment range	47.2~48V	
	Voltage accuracy	±2%	
	Linear adjustment rate	±0.5%	
	Load Regulation	±1%	
	Start-up Time	≤1000ms/230VAC(Under Full loaded)	
	Hold Time (Typ.)	30ms/230VAC(Under Full loaded)	
Input	Voltage	180-240VAC	
	Frequency Range (Hz)	47~63Hz	
	Efficiency (Typ.)	83%	85%
	Alternating current (Typ.)	1.7A 220VAC	
	Inrush current (Typ.)	At cold start <50A/230VAC	
	Leakage current	<0.75mA/240VAC	
Protection features	Short circuit protection	Protection mode: hiccup mode, automatic recovery after abnormal removal	
	Overload protection	110%~150% of rated output power Protection mode: hiccup mode, automatic recovery after abnormal removal	
Surroundings	Operating temperature (°C)	-10°C - +45°C	
	Working humidity (°C)	20% - 90%RH, no condensation	
	Storage temperature and humidity	-20°C - +85°C , 10% - 95%RH, no condensation	
	Temperature Coefficient	±0.3‰ (0 - 50°C)	
	Vibration resistant	10-500Hz,2g 10minutes/cycle, 60 minutes each for X, Y, and Z axes	

Safety standard	Withstand voltage (VAC)	I/P-O/P:1.5KVAC,I/P-FG:0.5KVAC,OP-FG:0.5KVAC 60S
	Safety standard	EN/UL60950-1,GB4943
	Insulation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohm/500VDC/25°C
Notes	1.All unspecified parameters are measured at 230VAC voltage input, rated load and 25°C.	
	2.Ripple and noise voltage: Measured at 20MHz bandwidth, using a 12-inch twisted pair, and 0.1μ and 47μ capacitors in parallel with the terminals.	
	3.Accuracy: including setting error, linear adjustment rate and load adjustment rate.	
	4.Line regulation measurement method: Under rated load, from low voltage to high voltage test.	
	5.Load regulation measurement method: from 0% to 100% of rated load.	
	6.Start-up time is measured under cold start conditions, rapid and frequent power on and off may increase the start-up time.	
	7.When the operating altitude is higher than 2000 meters (6500 ft), the operating ambient temperature needs to be reduced by 5°C/1000 meters.	
Packaging	Product Dimensions	205*50*30(mm)(L*W*H)
	Carton Quantity	50PCS
	Carton Size	47.2*27.5*18.7cm

