

Features:

- True sine wave output(THD < 3%)
- Input & output fully isolation
- Load control cooling fan
- Advanced microprocessor
- Input polarity reverse/under voltage/over voltage protections
- Output short circuit/overload/over temperature protections
- LED indicators display Power & failure status
- USB 5V Output
- Input 96VDC,110VDC Optional
- Warranty: 2 Years



Model		CH500-112	CH500-124	CH500-148	CH500-212	CH500-224	CH500-248
Input	DC voltage	12V	24V	48V	12V	24V	48V
	Voltage range	10-15.5VDC	20-30VDC	40-60VDC	10-15.5VDC	20-30VDC	40-60VDC
	No load current draw	< 0.58A	< 0.35A	< 0.18A	< 0.56A	< 0.34A	< 0.17A
	Efficiency	> 89%	> 89%	> 90%	>90%	>90%	> 91%
	DC connection	Cables					
Output	AC voltage	100/110/120VAC			220/230/240 VAC		
	Continuous power	500W					
	Surge power	1000W					
	Waveform	Pure sine wave					
	Frequency	50Hz or 60Hz					
	AC regulation	±3%					
Protection	Low voltage alarm	10.5DC±0.5V	21DC±1V	42VDC±1V	10.5DC±0.5V	21DC±1V	42VDC±1V
	Low voltage shut down	10DC±0.5V	20DC±1V	40VDC±1V	10DC±0.5V	20DC±1V	40VDC±1V
	Over load	Shut Down					
	Over voltage shut down	15.5V±1V	30V±1V	60V±1V	15.5V±1V	30V±1V	60V±1V
	Over thermal	Shut Down automatically					
Environment	Working temperature	-10°C and +50°C					
	Working humidity	20% ~ 90%RH non-condensing					
	Storage temperature	-30°C ~ 70°C					
Package	Machine size(mm)	230*142*65					
	Packing size(mm)	280*170*110					
	Net weight(kg)	1					
	Gross weight(kg)	1.3					
	Packing	Carton					
Other	Start	Soft start					
	Cooling ways	Intelligent cooling fan					
	Application	Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and Solar power systems...etc.					