

**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		CH300-112	CH300-124	CH300-148	CH300-212	CH300-224	CH300-248
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	< 0.48A	< 0.34A	< 0.17A	< 0.48A	< 0.34A	< 0.17A
	Efficiency	> 89%	> 89%	> 90%	>90%	>90%	> 91%
	DC connection	Cables With Clips or Car Adaptor					
Output	AC voltage	100/110/120VAC			220/230/240 VAC		
	Continuous power	300W					
	Surge power	600W					
	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)	200*140*65					
	Packing size(mm)	250*170*110					
	Net weight(kg)	0.8					
	Gross weight(kg)	1.1					
	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.					