

Key Features

- ◆ High frequency DC/AC Power Inverter CTSW3KW-8KW
- ◆ Single phase sine wave with USB Charger
- ◆ Output 220V/230V or 110V/120V 50/60HZ
- ◆ Full range protection for the output and the battery
- ◆ Two times surge capacity for all modes
- ◆ Use as Car inverter / Home inverter/ Solar Inverter
- ◆ Selectable Socket S03/S05/S11/S12/S13/S14
- ◆ With Battery Cable
- ◆ Option digital display / Remote control /Frequency switch/GFCI



CTSW4000 DC Side
Else Shapes are same .size not same



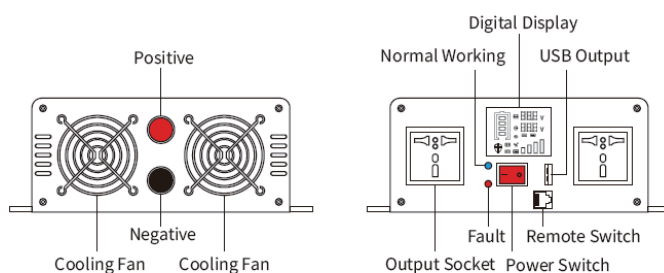
CTSW4000
Else Shapes are same .size not same



CTSW4000— E
Digital display and remote control option

Technical Specifications

Model	CTSW3000	CTSW4000	CTSW5000	CTSW6000	CTSW8000
Rated Power	3000W	4000W	5000W	6000W	8000W
Surge Power	Two times of the Rated Power for few seconds				
Input Voltage	12/24 or 48VDC				48 or 96VDC
Output Voltage	110VAC or 220VAC ±5%				
USB Port	5V 0.5A				
Frequency	50Hz±3 or 60Hz±3				
Output Waveform	Pure Sine Wave				
Soft Start	YES				
AC Regulation	THD<3%(Linear Load)				
Output Efficiency	94% MAX				
DC Voltage Range	10-15.5V@12VDC, Else is times	20-31V@24VDC, Else is times		40-61V@48VDC, Else is times	
Low Voltage Alarm	10.5±0.5V@12VDC, Else is times	21±0.5V@24VDC, Else is times		42±1V@48VDC, Else is times	
Low Voltage Shut Down	10±0.5V@12VDC, Else is times	20±0.5V@24VDC, Else is times		40±1V@48VDC, Else is times	
Low Voltage Recovery	13±0.5V@12VDC, Else is times	24±0.5V@24VDC, Else is times		48±1V@48VDC, Else is times	
Over Voltage Shut Down	15.5±0.5V@12VDC, Else is times	31±0.5V@24VDC, Else is times		61±1V@48VDC, Else is times	
Over Voltage Recovery	14.8±0.5V@12VDC, Else is times	29±0.5V@24VDC, Else is times		59±1V@48VDC, Else is times	
Cooling Way	Intelligent Cooling Fan				
Protection	Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit				
Working Temperature	-10°C - +50°C				
Product Size(mm)	480*199*84	497*216*151	497*216*151	610*216*151	610*216*151
Carton Size(mm)	625*530*295	635*308*240	635*308*240	735*308*240	735*308*240
Carton Weight (kg)	24.5	13.08	13.72	16.42	17.12
PCS /CTN	4	1	1	1	1



Colourful digital display



2M Remote switch



WIFI wireline control



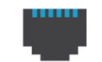
Frequency switch



The handle



Electric shock protection



Electric shock protection



GFCI



LED

* Digital display and remote switch are optional
* 300W panel can not install digital display