



1000W

Features:

- ※ Pure sine wave output, THD<3%
- ※ Low Frequency Transformer design
- ※ With resistance, inductive, capacitive, mixed load
- ※ Built-In Charger
- ※ LCD & LED Display (Optional)
- ※ RS-232/RS-485 communication interface (Optional)
- ※ AC Utility Bypass and Desel start dry (Optional)
- ※ Multiple protection function
- ※ Easy installation, simple controls.



Specification	Model No.	CSC1000-112	CSC1000-124	CSC1000-148	CSC1000-212	CSC1000-224	CSC1000-248
AC Output	Rated output power	1KW					
	Surge Power	2KW					
	Output waveform	Pure Sine Wave					
	Output voltage	100/110/115/120VAC±5%			200/220/230/240VAC±5%		
	Output frequency	50/60±1%					
	Output waveform distortion (THD)	≤3%					
	Inverter efficiency (80% resistive load)	≥85%					
	Current peak factor	3:01					
Battery	Overload capacity	>110%					
	Nominal Input Voltage	12	24	48	12	24	48
	Minimum Start Voltage	10	20	40	10	20	40
	Low Battery Alarm	11	22	44	11	22	44
	Low Battery Cut off	10.5	21	42	10.5	21	42
	Low Battery Recover	12.5	25	50	12.5	25	50
	High Battery Alarm	16	32	64	16	32	64
	High Battery Recover	15.5	31	62	15.5	31	62
AC Bypass	Power Saving	<25W	<25W	<25W	<25W	<25W	<25W
	Input voltage (Vac)	100/110/115/120VAC±15%			200/220/230/240VAC±15%		
	Input Frequency (Hz)	50/60 Hz					
	Transfer time	10~16ms					
	Diesel trigger signal	Dry port (Optional)					
	Input voltage range (Vac)	90~140VAC			185~255VAC		
	Max Input AC Voltage	150VAC			270VAC		
	Charger Current (A)	45 ± 5 Amp	25 ± 5 Amp	15 ± 5 Amp	45 ± 5 Amp	25 ± 5 Amp	15 ± 5 Amp
Display & Proteciton	Display mode	LCD or LED					
	Protection	Input reverse polarity protection, input under-voltage protection, input overvoltage protection, output overload protection, output short circuit protection (no automatic recovery, the need to restart the machine), overheating protection					
	communication	RS485(optional)					
Environment	protection degree	IP21					
	Using altitude (m)	≤5000 (2000m above derating 2% per 100m)					
	Permissible relative humidity	<95% No condensation					
	Ambient Temperature (°C)	-20 ~ +50					
	Noise (1m)	≤50dB					
SIZE & WEIGHT	Width x depth x height (D x W x H) mm	380*220*180mm					
	Weight (Kg)	16kqs					

Unit: mm

