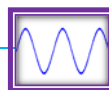


Pure Sine wave Power Inverter

+ **Charger**



CRTRON

10000W

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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.



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Specification	Model No.	CSC10K-148	CSC10K-248
AC Output	Rated output power	10KW	
	Surge Power	20KW	
	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)	CRTRON	≥87%
	Current peak factor	03:01	
	Overload capacity	>110%	
Battery	Nominal Input Voltage	48	48
	Minimum Start Voltage	40	40
	Low Battery Alarm	44	44
	Low Battery Cut off	42	42
	Low Battery Recover	50	50
	High Battery Alarm	64	64
	High Battery Recover	62	62
	Power Saving	<25W	<25W
AC Bypass	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)	80 ± 5 Amp	80 ± 5 Amp
Display & Proteciton	Display mode	CRTRON	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	RS232 / 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	732*378*258mm	
	Weight (Kg)	67kgs	

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