

DC TO AC POWER INVERTER Inverter Export

CAR Series CAR800U-800W with USB

Features: ■

- With USB output port ◀
- Anodized aluminum case provides durability & max heat dissipation ◀
- DC cigarette lighter accessory plug and heavy duty cable clamps for high-output direct battery connections both included. ◀
- Automatic restart function. ◀
- Two LED indicators on the front panel shows the working and failure state ◀
- ON/OFF switch control the inverter by hand ◀
- The inverter is compact, light weight and easy to operate. ◀
- Loads can be powered directly from the AC outlets. ◀
- The inverter is equipped with numerous protection features to guarantee safe and trouble-free operation



AC Output Receptacles(optional)



■ Specification:

Model		CAR800U-121	CAR800U-122	CAR800U-241	CAR800U-242
Output	AC Voltage	110V	230V	110V	230V
	AC Voltage Range	100~120V AC	220~240V AC	100~120V AC	220~240V AC
	AC Regulation	±10%			
	Rated Power	800W			
	Peak Power	1600W			
	Waveform	Modified Sine Wave			
	Frequency	50/60Hz±3			
	No Load Current Draw	≤ 1A			
	Efficiency	≥90%			
	USB	5V 500mA(optional)			
Input	LED Indicator	Green for power on, Red for power failure status			
	Cooling fan	by 30% loads or temperature control			
	DC Voltage	12V		24V	
	Voltage Range	9.5~16V DC		19~32V DC	
Protection	DC Connector	Battery cable BVR10*2ea		battery cable BVR6*2 ea	
	Low Voltage Alarm	11±0.5V DC		22±1V DC	
	Low Voltage Shutdown	9.5±0.5V DC		19±1V DC	
	Reset Voltage after L.V.S	11.5~12V DC		23~24V DC	
	Overload	Shut off output, auto.reset			
	Over Voltage	15±0.5V		30±1V DC	
	Over Temperature	Shut off output automatically, auto. reset			
	Output Short-circuit	Shut off, auto.reset			
	Reverse Polarity	Fuse burn out			
	Replaceable Fuse	50A*2		25A*2	
Environment	Soft Start	Yes,5~10s		Yes	
	Earth Leakage	Yes			
	Working Temp.	0~30°C=@ 100% load; 40°C=@50% load			
	Working Humidity	20%~90% RH non-condensing			
Safety&EMC	Storage Temp., Humidity	-30~+70°C/-22~+158°F, 10~95%RH			
	Temp. Coefficient	10%~90% RH			
	Isolation Resistance	-20°C ~ +50°C			
Other	EMI Conduction & Radiation	I/P-O/P:100M Ohms/500VDC/25/70%RH			
	EMS Immunity	Compliance to EN55022 class B, 72/245/CBE, 95/64/CE			
	LVD	Compliance to EN61000-4-2,3			
	E-mark	Compliance to EN60950, EN61558-1-2			
Other	N.W.(g)	1500g			
	Dimension(cm)	21.5*15*5.8cm			
	Packing	gift box, 8 units/12Kg/Ctn(52.5*38.5*30cm)			
	Output Socket	A, B, C, D, E, F, G optional			

Note: Specification prior to change without notice (If without USB, the model is CAR800)

DC TO AC POWER INVERTER Inverter Expert

CAR Series CAR800-800W

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- ▶ DC cigarette lighter accessory plug and heavy - duty cable clamps for high-output direct battery connections both included.
- ▶ Automatic restart function.
- ▶ Two LED indicators on the front panel shows the working and failure state
- ▶ ON/OFF switch control the inverter by hand
- ▶ The inverter is compact, light weight and easy to operate.
- ▶ Loads can be powered directly from the AC outlets.
- ▶ The inverter is equipped with numerous protection features to guarantee safe and trouble-free operation



AC Output Receptacles (optional)



■ Specification:

Model		CAR800-121	CAR800-122	CAR800-241	CAR800-242
Output	AC Voltage	110V	230V	110V	230V
	AC Voltage Range	100~120V AC	220~240V AC	100~120V AC	220~240V AC
	AC Regulation	±10%			
	Rated Power	800W			
	Peak Power	1600W			
	Waveform	Modified Sine Wave			
	Frequency	50/60Hz±3			
	No Load Current Draw	≤ 1A			
Input	Efficiency	≥90%			
	LED Indicator	Green for power on, Red for power failure status			
	Cooling fan	Running once connect with AC loads			
	DC Voltage	12V		24V	
	Voltage Range	9.5~16V DC		19~32V DC	
	DC Connector	Battery cable BVR 10*2ea		battery cable BVR 6*2ea	
	Low Voltage Alarm	11±0.5V DC		22±1V DC	
	Low Voltage Shutdown	9.5±0.5V DC		19±1V DC	
Protection	Reset Voltage after L.V.S	11.5~12V DC		23~24VDC	
	Overload	Shut off output, auto.reset			
	Over Voltage Shutdown	15 ±0.5VDC		30±1V DC	
	Over Temperature	Shut off output automatically, auto. reset			
	Output Short-circuit	Shut off, auto.reset			
	Reverse Polarity	Fuse burn out			
	Replaceable Fuse	50A*2		25A*2	
	Soft Start	Yes,5~10s			
Environment	Earth Leakage	Yes			
	Working Temp.	0~30°C=@ 100% load; 40°C=@50% load			
	Working Humidity	20%~90% RH non-condensing			
	Storage Temp., Humidity	-30~+70°C/-22~+158°F, 10~95%RH			
Safety&EMC	Temp. Coefficient	10%~90% RH			
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Other	E-mark	Compliance to EN60950, EN61558-1-2			
	N.W.(g)	1500g			
	Dimension(cm)	21.5*15*5.8cm			
	Packing	gift box, 8 units/12Kg/Ctn(52.5*38.5*30cm)			
	Output Socket	A, B, C, D, E, F, G optional			

Note: Specification prior to change without notice (If with USB, the model is CAR800U)