

DC TO AC POWER INVERTER Inverter Expert

CAR Series CAR400U-400W 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		CAR400U-121	CAR400U-122	CAR400U-241	CAR400U-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	400W			
	Peak Power	800W			
	Waveform	Modified Sine Wave			
	Frequency	50/60Hz±3			
	No Load Current Draw	≤ 0.9A			
	Efficiency	≥90%			
	USB	5V 500mA(optional)			
Input	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		
Protection	DC Connector	DC cable with cigarette lighter plug *1 ea, battery cable*2ea			
	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 Shutdown	15±0.5V DC	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			25A
Environment	Soft Start	Yes,5~10s			
	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			
	EMI Conduction & Radiation	I/P-O/P:100M Ohms/500VDC/25/70%RH			
Other	EMS Immunity	Compliance to EN55022 class B, 72/245/CBE, 95/64/CE			
	LVD	Compliance to EN1000-4-2,3			
	E-mark	Compliance to EN60950, EN61558-1-2			
	N.W.(g)	630g			
Other	Dimension(cm)	19.5*10.2*5.55cm			
	Packing	Double-side Blister/gift box, 20 units/12.6Kg/Ctn(55*29.5*47.5cm)			
	Output Socket	A, B, C, D, E, F, G optional			

Note: Specification prior to change without notice (If without USB, the model is CAR400)

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CAR Series CAR400-400W



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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

RoHS CE -LVD/EMC **1.5** YEAR LIMITED WARRANTY

AC Output Receptacles(optional)



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Model		CAR400-121	CAR400-122	CAR400-241	CAR400-242
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			400W	
	Peak Power			800W	
	Waveform			Modified Sine Wave	
	Frequency			50/60Hz±3	
	No Load Current Draw			≤ 0.9A	
	Efficiency			≥90%	
	LED Indicator		Green for power on, Red for power failure status		
Input	Cooling fan	Running once connect with AC loads			
	DC Voltage	12V		24V	
	Voltage Range	9.5~16V DC		19~32V DC	
	DC Connector	DC cable with cigarette lighter plug *1 ea, battery cable*2ea			
Protection	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 Shutdown	15±0.5V DC		30±1V DC	
	Over Temperature Shutdown	Shut off output automatically, auto. reset			
	Output Short-circuit	Shut off, auto.reset			
	Reverse Polarity	Fuse burn out			
	Replaceable Fuse	50A		25A	
	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			
	Isolation Resistance	-20°C ~ +50°C			
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	BMS Immunity	Compliance to EN55022 chass B, 72/245/CBE, 95/64/CE			
	LVD	Compliance to EN61000-4-2,3			
Other	E-mark	Compliance to EN60950, EN61558-1-2			
	N.W.(g)	630g			
	Dimension(cm)	19.5*10.2*5.55cm			
	Packing	Double-side Blister/gift box, 20 units/12.6Kg/Ctn(55*29.5*47.5cm)			
	Output Socket	A, B, C, D, E, F, G optional			

Note: Specification prior to change without notice (If with USB, the model is CAR400U)