



**Inverter Expert** **carSPA**  
**CAR series CAR500U-500W**



- Features:**
- 12V or 24V DC input
  - Power ON-OFF switch
  - Input voltage range:-15%~+25%
  - Output voltage regulation: ±10%
  - Protections: Bat.Low alarm/Bat.Low shutdown/Over voltage/Over temp./Output short/ Input polarity reverse/Over load.
  - Output waveform:Modified sine wave
  - Auto.built-in Cooling fan
  - Topology:Microprocessor
  - Light weight and slim
  - AC outlets Optional
  - Approvals:e8 / CE / RoHS
  - 1.5year warranty

**500W** RATED POWER  
**1000W** SURGE POWER  
**1.5** YEAR LIMITED WARRANTY  
 5V, 500mA **USB**

AC Output Receptacles(optional)

A*2ea	B*1ea	C*1ea	D*2ea	E*1ea	F*1ea	G*1ea	GFCI*1ea
USA	AUSTRALIA	UNIVERSAL	Europe+USA+Japan	U.K	FRANCE	GERMANY	USA-GFCI



**Specification:**

ORDER No. (With U, means With USB Output Port)	CAR500U-121	CAR500-121	CAR500U-122	CAR500-122	CAR500U-241	CAR500-241	CAR500U-242	CAR500-242	
<b>OUTPUT</b>	AC VOLTAGE	100/110/120VAC		220/230/240VAC		100/110/120VAC		220/230/240VAC	
	RATED POWER	500W							
	SURGE POWER	1000W							
	USB	5V,500mA,( Without USB, Model No.: CAR500 - *** )							
	WAVEFORM	Modified Sine Wave							
	FREQUENCY	50Hz ± 3, 60Hz ± 3							
	AC REFULATION	± 10%							
	STANDARD RECEPTACLES	A, B, C, D, E, F, G, GFCI Optiona (reference to picture above)							
<b>INPUT</b>	LED INDICATOR	Green LED for power on; Red LED for power failure status							
	DC CURRENT	50A				25A			
	NO LOAD CURRENT DRAW	≤ 0.8A							
	DC VOLTAGE	12V				24V			
	VOLTAGE RANGE	10~15VDC				21~30VDC			
	EFFICIENCY(Typ.)	> 90%							
	DC CONNECTOR	Battery clip*1ea, Battery cord 530mm*BVR6*2ea							
<b>PROTECTION</b>	FUSE(BUILT-IN)	30A*2ea,				15A*2ea,			
	AC OVER LOAD POWER	10.6 ± 0.6V				21.2 ± 1.2V			
	BAT. LOW ALARM	10 ± 0.5V				20 ± 1V			
	BAT. LOW SHUTDOWN	11.5-12V				23-24V			
	BAT. LOW VOLTAGE RECOVER	15.5 ± 0.5V				31 ± 1V			
	OVER VOLTAGE	550W~630W							
	OVER TEMPERATURS	45 ± 5°C / 113 ± 9°F							
<b>ENVIRONMENT</b>	SHORT CIRCUIT	Shut-off							
	BAT. POLARITY	By fuse open							
	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							
<b>PACKING</b>	TEMP. COEFFICIENT	± 0.05%/°C (0~50°C)							
	UNIT SIZE	235*102*55.5mm(L*W*H)							
	WEIGHT/PCS	1250g							
	MESUREMENT/C.T.	60*35*45cm							
N.W./G.W.	18.7kg/27.5kg								
QUANTITY/C.T.	20pcs								

- Soft Start
- High Efficient
- Turbo Cooling
- Universal Protection Circuit
- Compact Design
- L.I.T Low Interference Technology
- USB 5V 500mA

