



**Inverter Expert** **carSPA**  
**CAR series CAR700U-700W**



- 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
  - 1.5 year warranty

**700W** RATED POWER  
**1400W** SURGE POWER  
**1.5** YEAR LIMITED WARRANTY  
 5V, 500mA **USB**

AC Output Receptacles(optional)

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



**Specification:**

ORDER No. (With U, means With USB Output Port)	CAR700U-121	CAR700-121	CAR700U-122	CAR700-122	CAR700U-241	CAR700-241	CAR700U-242	CAR700-242
<b>OUTPUT</b>	AC VOLTAGE		100/110/120VAC		220/230/240VAC		100/110/120VAC	
	RATED POWER		700W					
	SURGE POWER		1400W					
	USB		5V,500mA, ( Without USB, Model No.: CAR700 - *** )					
	WAVEFORM		Modified Sine Wave					
	FREQUENCY		60Hz ± 1%		50Hz ± 1%		60Hz ± 1%	
	AC REFULATION		± 10%		± 10%			
	STANDARD RECEPTACLES		A, B, C, D, E, F, G, GFCI Optiona (reference to picture above)					
	LED INDICATOR		Green LED for power on; Red LED for power failure status					
<b>INPUT</b>	DC CURRENT		80A		40A			
	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 600mm*10m*2ea					
	FUSE (BUILT-IN)		40A*2ea,		20A*2ea,			
<b>PROTECTION</b>	AC OVER LOAD POWER		740W~840W					
	BAT. LOW ALARM		10 ± 0.5V		19.5 ± 0.8V			
	BAT. LOW SHUTDOWN		9.5 ± 0.5V		30~32V			
	BAT. LOW VOLTAGE RECOVER		11.8V					
	OVER VOLTAGE		15~17V					
	OVER TEMPERATURS		45 ± 5°C / 113 ± 9°F					
	SHORT CIRCUIT		Shut-off					
	BAT. POLARITY		By fuse open					
<b>ENVIRONMENT</b>	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					
	TEMP. COEFFICIENT		± 0.05%/°C (0~50°C)					
<b>PACKING</b>	UNIT SIZE		215*150*58mm (L*W*H)					
	WEIGHT/PCS		1800g					
	MESUREMENT/C.T.		52.5*38.5*30cm					
	N.W./G.W.		10.8kg/15.4kg					
	QUANTITY/C.T.		8pcs					

Soft Start High Efficient Turbo Cooling

Universal Protection Circuit Battery Overload Protection

Compact Design

L.I.T Low Interference Technology

USB 5V 500mA

