



**Inverter Expert** **carSPA**  
**CAR series CAR300U-300W**



- 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

**300W** RATED POWER  
**600W** 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)	CAR300U-121	CAR300-121	CAR300U-122	CAR300-122	CAR300U-241	CAR300-241	CAR300U-242	CAR300-242
<b>OUTPUT</b>	AC VOLTAGE		100/110/120VAC		220/230/240VAC		100/110/120VAC	
	RATED POWER		300W					
	SURGE POWER		600W					
	USB		5V, 500mA, ( Without USB, Model No.: CAR300 - *** )					
	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)					
	LED INDICATOR		Green LED for power on; Red LED for power failure status					
<b>INPUT</b>	DC CURRENT		35A		15A			
	NO LOAD CURRENT DRAW		≤ 0.5A					
	DC VOLTAGE		12V		24V			
	VOLTAGE RANGE		10~15VDC		21~30VDC			
	EFFICIENCY (Typ.)		> 90%					
	DC CONNECTOR		Battery clip*1ea, Battery cord 530mm*BVR4*2ea					
	FUSE (BUILT-IN)		40A*1ea,		20A*1ea,			
<b>PROTECTION</b>	BAT. LOW ALARM		10.6 ± 0.6V		21.2 ± 1.2V			
	BAT. LOW SHUTDOWN		10 ± 0.5V		20 ± 1V			
	BAT. LOW VOLTAGE RECOVER		11.5-12V		23-24V			
	OVER VOLTAGE		15.5 ± 0.5V		31 ± 1V			
	AC OVER LOAD POWER		330W~400W					
	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		195*102*55.5mm (L*W*H)					
	WEIGHT/PCS		950g					
	MESUREMENT/C.T.		60*35*45cm					
	N.W./G.W.		13.3kg/21.5kg					
	QUANTITY/C.T.		20pcs					

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

