



Inverter Expert **carSPA**
CAR series CAR1.6KU-1600W



- 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

1600W
RATED POWER

3200W
SURGE POWER

1.5
YEAR LIMITED WARRANTY

5V,500mA **USB**

AC Output Receptacles(optional)

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



Specification:

ORDER No. (With U, means With USB Output Port)	CAR1.6KU-121 CAR1.6K-121	CAR1.6KU-122 CAR1.6K-122	CAR1.6KU-241 CAR1.6K-241	CAR1.6KU-242 CAR1.6K-242	CAR1.6KU-481 CAR1.6K-481	CAR1.6KU-482 CAR1.6K-482
OUTPUT	AC VOLTAGE	100/110/120VAC	220/230/240VAC	100/110/120VAC	220/230/240VAC	100/110/120VAC
	RATED POWER	1600W	CAR1.6K-122USB			
	SURGE POWER	3200W				
	USB	5V,500mA,(Without USB, Model No.: CAR1.6K - ***)				
	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				
INPUT	DC CURRENT	170A	85A		42.5A	
	NO LOAD CURRENT DRAW	≤1A				
	DC VOLTAGE	12V	24V		48V	
	VOLTAGE RANGE	10~15VDC	20~30VDC		40~60VDC	
	EFFICIENCY(Typ.)	≥90%				
	DC CONNECTOR	L=530mm*BVR16*2ea,Φ8*150A		L=530mm*BVR10*2ea,SC16-6		L=530mm*BVR6*2ea,SC16-6
	FUSE(BUILT-IN)	30A*6ea,		15A*6ea,		7.5A*6ea,
PROTECTION	BAT. LOWALARM	10.6±0.6V	21.2±1.2V		42.4±2.4V	
	BAT. LOW SHUTDOWN	10±0.5V	20±1V		40±2V	
	BAT.LOWVOLTAGE RECOVER	11.5-12V	23-24V		46-48V	
	OVER VOLTAGE	15.5±0.5V	31±1V		62±2V	
	AC OVER LOAD POWER	1700W-1800W				
	OVER TEMPERATURS	45±5°C/113±9°F				
	SHORT CIRCUIT	Shut-off				
	BAT. POLARITY	By fuse open				
ENVIRONMENT	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)				
PACKING	UNIT SIZE	322.5*200*77mm(L*W*H)				
	WEIGHT/PCS	4050g				
	MESUREMENT/C.T.	50*34*44.5cm				
	N.W./G.W.	19.8kg/25.4kg				
	QUANTITY/C.T.	6pcs				

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

