

## About CARKU

Shenzhen CARKU Technology Co.,Ltd was founded in 2011, which is a high-tech enterprise specializing in the research and development, production and sales of lithium battery technology application products, and the Deputy Leader of China Energy Storage Power Industry Standard Drafting Unit.

CARKU has developed more than 500 R&D products(Over 50 models of portable power station), has obtained 657 global patents, and has obtained certifications for its products including UL, CE, FCC, PSE, RoHS, as well as certifications for various management systems such as ISO9001, IATF16949, BSCI, and C-TPAT.



### Shenzhen Carku Technology Co.,Ltd

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Factory Add: Carku Science & Technology Park, The China-Korea (Huizhou) Industrial Park(Phase I), Zhongkai District, Huizhou, Guangdong, China.

### PB-91

2816Wh 3000W/3600W Inverter



Model:	PB-91R	PB-91M	PB-91O	PB-91A
Battery Capacity:	2816Wh			
AC Output:	100V 60Hz	110V 60Hz	220V 50Hz	230V 50Hz
Output Power:	3000W			
Output:	Car charger plug(x2)+DC port(x2): 12V/10A USB 5V/2.4A*2; QC3.0(5V/3A; 9V/2A; 12V/1.5A)*2 USB-C PD100W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A)*2			
RV Output:	12V/25A			
AC Input:	1500W	1800W	2200W	
Anderson Input:	12-80V(Max 800W)			
Temp:	-20°C-55°C			
Cycle Life:	≥3000 times			
Size:	418*377*428mm			
Weight:	38.5kg			
Peak Current:	1000A			



### PB-78 Extra Battery

2816Wh Power for PB-91

Input:	1500W/1800W/2200W (The input power is the same as the host machine)
Size:	420*276*255mm
Weight:	24.5kg



PB-91

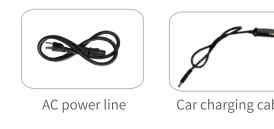
PB-78

### PB-86/PB-85/PB-58

460.8Wh/768Wh/1408Wh 600W/1000W/1500W Inverter



Model:	PB-86	PB-85	PB-58
Battery Capacity:	460.8Wh	768Wh	1408Wh
AC Output:	100V 60Hz/110V 60Hz/220V 50Hz		
Output Power:	600W	1000W	1500W
Output:	Car charger plug+DC port: 12V/10A QC3.0(5V/3A; 9V/2A; 12V/1.5A)*2 USB-C PD100W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A)*2	Car charger plug+DC port(x2): 12V/10A USB 5V/2.4A*3; QC3.0(5V/3A; 9V/2A; 12V/1.5A) USB-C PD100W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A)*2	Car charger plug+DC port(x2): 12V/10A USB 5V/2.4A*3; QC3.0(5V/3A; 9V/2A; 12V/1.5A) USB-C PD100W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A)*2
Input:	AC 400W; car charging(12V/10A); solar charging (200W MAX: 12V-50V)	AC 700W; car charging(12V/10A); solar charging (300W MAX: 10V-50V&10A MAX)	AC 1500W; car charging(12V/10A); solar charging (400W MAX: 30V-60V&15A MAX)
Temp:	-20°C-55°C		
Cycle Life:	≥3000 times		
Size:	316*202.5*243mm	390*270*279mm	
Weight:	7.2kg	17kg	18.8kg
Peak Current:	1000A		



### PB-81 Extra Battery

1408Wh Power for PB-85/86/58/76/88

Input:	1500W(MAX)
Size:	420*296*255mm
Weight:	12.8kg



PB-81

PB-85/58

### PB-76/PB-88

1408Wh 1500W Inverter



Model:	PB-76	PB-88
Battery Capacity:	1408Wh	
AC Output:	100V 60Hz/110V 60Hz/220V 50Hz	
Output Power:	1500W	
Output:	Car charger plug+DC port(x2): 12V/10A USB 5V/2.4A*3; QC3.0(5V/3A; 9V/2A; 12V/1.5A) USB-C PD100W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A)*2	
Input:	AC 1500W; car charging(12V/10A); solar charging(400W MAX: 30V-60V&15A MAX)	
Temp:	-20°C-55°C	
Cycle Life:	≥3000 times	
Size:	360*270*278mm	454*270*235mm
Weight:	19.3kg	19kg
Peak Current:	1000A	



### PB-80 Extra Battery

1408Wh Power for PB-76/88

Input:	1500W(MAX)
Size:	360*270*278mm
Weight:	14.7kg



PB-76

PB-80



### Supersafe

LiFePO4 battery+CARKU LIFE BMS patented battery management system



### Double power

Multiplication technology, super multiplied load, compatible with 99% of common electrical equipment

### Core advantage



### Long usage time

Optional extra battery, double power, providing more choices



### Instant start

Start 12V car quickly

### Power supply references

3095mAh Iphone Supply 121 times	40W Fan Supply 32 hours	59W Drone Supply 22 times	60W Car refrigerator Supply 21 hours
60W Laptop Supply 21 hours	65W Projector Supply 20 hours	280W Juicer Supply 270 mins	750W Rice cooker Supply 102 mins
750W coffee machine Supply 102 mins	840W Air conditioning Supply 90 mins	1000W Frying pan Supply 84 mins	1260W electric pick Supply 60 mins
1500W Electric hot pot Supply 54 mins	1500W Kettle Supply 54 mins	1800W chainsaw Supply 48 mins	2000W Electric grill Supply 42 mins

\*This data takes 1408Wh(PB-58) as an example and may be different depending on the actual usage



# LIFE BMS

## Portable Power Station

Professional supplier of portable power station



**PB-62E/62/69M/69R/69Z**

**768Wh/1408Wh** 1500W/1800W/2200W Inverter

Model:	PB-62E	PB-62	PB-69M	PB-69R	PB-69Z
Battery Capacity:	768Wh		1408Wh		
AC Output:	100V 60Hz/110V 60Hz/220V 50Hz	110V 60Hz	100V 60Hz	220V 50Hz	
Output Power:	1500W	1800W	1800W	2200W	
Output:	Car charger plug+DC port(x2): 12V/10A USB 5V/2.4A*3; QC3.0(5V/3A; 9V/2A; 12V/1.5A) USB-C PD100W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A)*2 12V jump starter				
Input:	DC 12-30V(MAX 200W)				
Temp:	-20°C-55°C				
Cycle Life:	≥3000 times				
Size:	360*270*278mm				
Weight:	13.8kg	16.8kg		17.2kg	
Peak current:	1000A				



Car charging cable

**PB-66 Extra Battery**

**1408Wh** Power for PB-62E/62/69

Input:	200W(MAX)
Size:	360*270*278mm
Weight:	14.7kg



Cable for primary and extra battery



PB-62E/62/69

PB-66

**PB-22E/22/29M/29R/29Z**

**768Wh/1408Wh** 1500W/1800W/2200W Inverter

Model:	PB-22E	PB-22	PB-29M	PB-29R	PB-29Z
Battery Capacity:	768Wh		1408Wh		
AC Output:	100V 60Hz/110V 60Hz/220V 50Hz	110V 60Hz	100V 60Hz	220V 50Hz	
Output Power:	1500W	1800W	1800W	2200W	
Output:	Car charger plug+DC port(x2): 12V/10A USB 5V/2.4A*3; QC3.0(5V/3A; 9V/2A; 12V/1.5A) USB-C PD100W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A)*2 12V jump starter				
Input:	DC 12-30V(MAX 200W)				
Temp:	-20°C-55°C				
Cycle Life:	≥3000 times				
Size:	360*270*280mm				
Weight:	14.2kg	17.2kg		17.5kg	
Peak current:	1000A				



Car charging cable

**PB-26 Extra Battery**

**1408Wh** Power for PB-22E/22/29

Input:	200W(MAX)
Size:	360*270*280mm
Weight:	14.7kg



Cable for primary and extra battery



PB-22E/22/29

PB-26

**PB-20E/20**

**307.2Wh/640Wh** 600W Inverter

Model:	PB-20E	PB-20
Battery Capacity:	307.2Wh	640Wh
AC Output:	100V 60Hz/110V 60Hz/220V 50Hz	
Output Power:	600W	
Output:	Car charger plug+DC port(x2): 10V-14.4V/10A USB 5V/2.4A*2; QC3.0(5V/3A; 9V/2A; 12V/1.5A) USB-C PD60W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A) 12V jump starter	
Input:	DC 12-30V(100W, support car charging, solar charging)	
Temp:	-20°C-55°C	
Cycle Life:	≥3000 times	
Size:	263*221*215.8mm	
Weight:	6.7kg	9.3kg
Peak Current:	1000A	



Car charging cable

**PB-23 Extra Battery**

**640Wh** Power for PB-20E/20

Input:	100W(MAX)
Size:	263*221*215.8mm
Weight:	8.1kg



Cable for primary and extra battery



PB-20E/20

PB-23

**PB-28CD/PB-51**

**518Wh** 600W Inverter

Model:	PB-28CD	PB-51
Battery Capacity:	518Wh	
AC Output:	100V 60Hz/110V 60Hz/220V 50Hz	
Output Power:	600W	
Output:	Car charger plug+DC port(x2): 12V-16.8V/10A USB 5V/2.4A*3; QC3.0(5V/3A; 9V/2A; 12V/1.5A) USB-C PD60W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A)	
Input:	DC 12-30V(100W, support car charging, solar charging) USB-C PD60W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A)	
Temp:	-20°C-55°C	
Cycle Life:	>1000 times	
Size:	260*202*173mm	371*176*201mm
Weight:	5kg	



Car charging cable

**PB-T30CD**

**259Wh** 300W Inverter

Model:	PB-T30CD
Battery Capacity:	259Wh
AC Output:	110V 60Hz
Output Power:	300W
Output:	Car charger plug(x1): 12V/10A ; DC port(x2): 12V/5A USB 5V/2.4A; QC3.0(5V/3A; 9V/2A; 12V/1.5A) USB-C PD60W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A); USB-C 5V/3A
Input:	DC 12-30V(120W Max) MPPT 12-30V(120W Max) USB-C PD60W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A)
Temp:	-20°C-55°C
Cycle Life:	>1000 times
Size:	249*175*229mm
Weight:	4kg



AC adapter

Car charging cable

USB cable USB-C to USB-C

**PB-30CD/PB-82**

**249.75Wh/230Wh** 300W Inverter

Model:	PB-30CD	PB-82
Battery Capacity:	249.75Wh	230Wh
AC Output:	100V 60Hz/110V 60Hz/220V 50Hz	
Output Power:	300W	
Output:	Car charger plug+DC port(x2): 9V-12.6V/10A USB 5V/2.4A*2; QC3.0(5V/3A; 9V/2A) USB-C PD60W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A)	USB-A1/A2: Total 5V/3-4A USB-A3: QC3.0(5V/3A; 9V/2A; 12V/1.5A); 12V/10A USB-C PD100W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A)
Input:	DC 12-30V(65W, support car charging, solar charging) USB-C PD100W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A)	
Temp:	-20°C-55°C	
Cycle Life:	>1000 times	≥3000 times
Size:	217*159*192mm	266*131*238mm
Weight:	3.15kg	3.32kg



AC adapter

Car charging cable

AC adapter

USB cable USB to USB-C

**PB-53**

**99.9Wh** 100W Inverter

Model:	PB-53
Battery Capacity:	99.9Wh
AC Output:	110V 60Hz(Only supports 100-110V)
Output Power:	100W
Output:	QC3.0(5V/3A; 9V/2A; 12V/1.5A)*2 USB-C PD100W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A)*2 12V/10A
Input:	USB-C PD100W(5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A)*2
Temp:	-20°C-55°C
Cycle Life:	>1000 times
Size:	216*135*32mm
Weight:	0.94kg



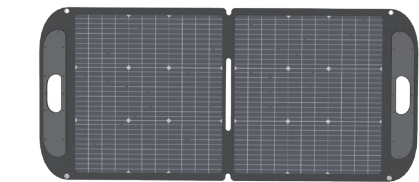
USB cable USB-C to USB-C

USB cable USB to USB-C

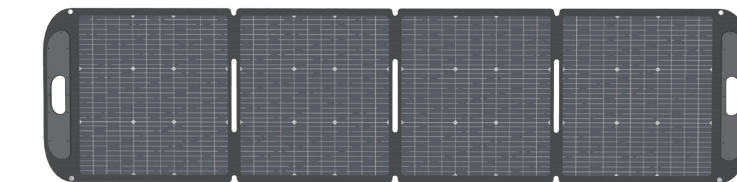


**Solar panel 110W/220W/400W**

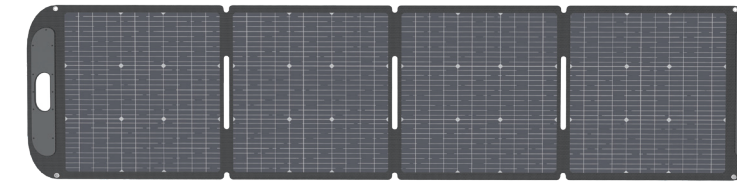
Model:	Solar panel 110W	Solar panel 220W	Solar panel 220W Pro	Solar panel 400W
Power:	110W	220W		400W
Folded Dimension:	602*650*20mm	602*650*45mm	602*674*45mm	1060*654*45mm
Unfolded Dimension:	602*1310*5mm	602*2430*5mm	602*2504*5mm	1060*2413*5mm
Weight:	5.56kg	8.72kg	8.88kg	15.5kg
Voltage:	19V		48V	40.32V



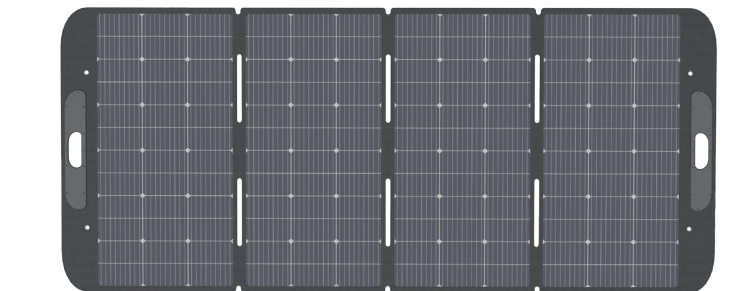
Solar panel 110W



Solar panel 220W



Solar panel 220W Pro



Solar panel 400W