

GlowTech

PORTABLE POWER STATION

Superb endurance, non-stop power

Focus on create a low-carbon lifestyle.





Product Feature

- Rugged, lightweight and compact design
- 3 flexible charging ways, supports fast charging
- 3 output types to power up to 9 devices simultaneously
- Use safe LiFePO4 cells
- Pure sine wave, 600W output, no damage to electrical appliances

Powout-600

 Mini Fridge
10H

 TV
3H+

 Lamp
32H

 Fan
11H

 Wi-Fi Router
38H+

 Phone
40X

 Drone
10X



Parameters

Model				Powout-600			
Items	JP		US		EU/AU/ZA/UK/CN		
Nominal capacity	556.8Wh (19.2V/29Ah)						
Dimension(W*D*H)	288x155x240mm						
Weight	7.5kg						
Inverter waveform	Pure Sine Wave						
Input							
DC	22V/5.45A, Max. 120W						
Type-C	20V/5A, Max. 100W						
AC Output							
AC Inverter	600W total (*2)						
Nominal output voltage	100VAC		120VAC		220-240VAC		
Nominal output frequency	60Hz		60Hz		50Hz		
Peak power	750W		750W		1200W		
Nominal power	600W						
DC Output							
1*USB-C	PD100W (5V/ 9V/ 12V /15V/ 20V, Max. 5A)						
3*USB-A	QC3.0 (5V/3A, 9V/2A, 12V/1.5A)						
1*Car socket	13V/10A				Total share 10A Max.		
2*DC5521	13V/3A						

Product Feature

- ABS flame retardant housing, strong impact resistance
- HD LED Display, clear state of electricity
- Pure sine wave inverter, and no damage to the appliances
- Multiple outputs can supply power for various electrical appliances
- 1152Wh for long-lasting battery life
- UL authoritative certification battery cell, to ensure the safety of electricity
- Support Bluetooth function (optional)



Powout-1200

 Rice cooker 120W
8H

 Computer 300W
3H

 Car refrigerator 60W
17H

 Electric Kettle 1200W
0.8H

 Head 200W
5H



Parameters

Model				Powout-1200			
Items		JP		US		EU/AU/ZA	
Nominal capacity		1152Wh (25.6V/45Ah)					
Dimension (W*H*D)		365.4*235*274.5mm					
Weight		13kg					
Inverter waveform		Pure Sine Wave					
Input							
AC		90-120VAC (50/60Hz) Max. 700W				200-240VAC (50/60Hz) Max. 700W	
XT60		11.5V-55V (Max. 550W)					
DC5521		12V/10A, 24V/10A					
AC Output							
AC Inverter		1200W total (*3)					
Nominal output voltage		100VAC		120VAC		220-240VAC	
Nominal output frequency		50/60Hz		50/60Hz		50/60Hz	
Peak power		2400W					
Nominal power		1200W					
DC Output							
2*USB-C		PD100W (5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A)					
2*USB-A		QC18W (5V/3A, 9V/2A, 12V/1.5A)					
1*Car socket		13V/8A, Max. 100W				Total share 8A Max.	
1*DC5521		13V/8A, Max. 100W					

Product Feature

- ABS flame retardant housing, high impact resistant
- HD LED Display, clear state of electricity
- Pure sine wave inverter, and no damage to the appliances
- 1600W high power, can power equipment up to 1600W, surge power 3000W
- 3 output types to power up to 12 devices simultaneously
- 1536Wh for long-lasting battery life
- 3 flexible charging ways
- Support Bluetooth function (optional)



Powout-1600



Air Cooler 80W
18.5H



TV 100W
14.8H



Pallet Grill 300W
4.9H



Microwave 600W
2.4H



Car refrigerator 60W
22H



Parameters

Model		Powout-1600	
Items	JP	US	EU/AU/ZA
Nominal capacity	1536Wh (25.6V/60Ah)		
Dimension (W*H*D)	370*311.5*235mm		
Weight	16kg		
Inverter waveform	Pure Sine Wave		
Input			
AC	90-140VAC (50/60Hz) 800W±200W		180-250VAC (50/60Hz) 800W±200W
XT60	11.5V-55V (Max. 550W)		
DC5521	12V/10A, 24V/10A (Max. 240W)		
AC Output			
AC Inverter	1600W total (*4)		
Nominal output voltage	100VAC	120VAC	200-240VAC
Nominal output frequency	50/60Hz	50/60Hz	50/60Hz
Peak power	2600W	2600W	3000W
Nominal power	1600W		
DC Output			
2*USB-C	PD100W (5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A)		
4*USB-A	QC18W (5V/3A, 9V/2A, 12V/1.5A)		
1*Car socket	13V/10A, Max. 130W		Total share 8A Max.
1*DC5521	13V/3A, Max. 39W		

Product Feature

- Modular design separates key modules from the battery, enhancing portability
- It comes with a built-in trailer for easy mobility and transportation
- Equipped with a high-definition LCD display, providing clear visibility of the battery status.
- The unit boasts a 3600W pure sine wave inverter, ensuring appliance safety (with a peak power of 7200W)
- It also supports up to 4 additional batteries, each with a 3072Wh capacity (maximum of 12288Wh)
- Bluetooth and Wi-Fi functionalities enable intelligent control and monitoring through the app
- With multiple output modes, it offers flexible energy supply to meet various demands
- UL/ FCC/ CE/ RCM/ UN38.3 (Pending)



Powout-3600



Parameters

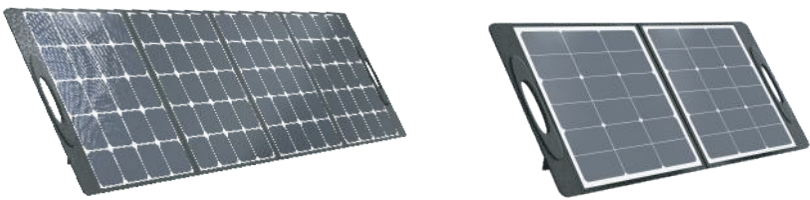
Model		Powout-3600	
Items		JP/US	EU/AU
Host Parameter			
Housing		ABS+PC	
Dimension (W*D*H)		465*306*192mm	
Weight		12kg	
Input			
XT 60 charge port		11V-100V, Max. 1000W (XT60)	
AC Input		90V-120V, 50/60Hz, Max. 1800W	200V-240V, 50/60Hz, Max. 1800W
Output			
AC output		3*20A output port+1*30A output port AC 100-120V/2400W 50/60Hz Rated power: 3600W	3*AC output AC200-240V/3600W 50/60Hz Rated power: 3600W
AC output power		3600W	
Peak power		7200W/ 200ms	
AC output wave form		Pure Sine Wave	
AC efficiency		≥88%	
PV efficiency		≥85%	
DC Output	2*USB-C	5V/ 9V/ 12V/ 15V/ 20V, 5A Max. (PD100W)	
	2*USB-A	5V/3A, 9V/2A, 12V/1.5A (QC 3.0)	
	1*Car socket	12V/ 15A Max.	1 Ports
	1*Anderson out	12V/ 50A Max.	
Battery Parameters			
Nominal capacity		3072Wh	
Dimension (W*D*H)		465*306*249mm	
Weight		29kg	
Battery pack mode		40138 (LiFePO4)	
Cells compound mode		16S3P	
Battery pack voltage		51.2V	



Product Feature

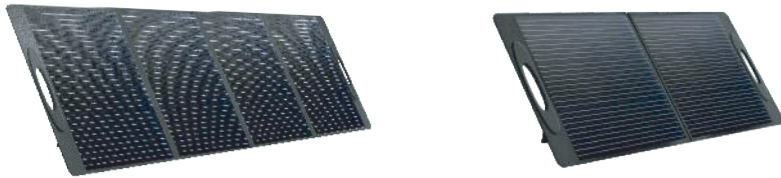
- Durable & Waterproof
- High conversion efficiency
- Compact & Lightweight
- Ultra thin & Easy installation
- Eco-friendly

Solar Folding Bag



Parameters

Items	TB280W_SP_23V	TB100W_SP_20V
Open circuit voltage (Voc)	28.96V±5%	26.064V±5%
Short circuit current (Isc)	12.74A±5%	5.62A±5%
Max. power voltage (Vm)	23V±5%	19.8V±5%
Max. power current (Im)	12.173A±5%	5.05A±5%
Max. power (Ppm)	280W±5%	100W±5%
Fill factor (FF)	80.6%	73.7%
Transformation efficiency (EFF)	24%	22%
No. of cells of connections	80=4x5PCSx4	36=2x6PCSx2
NOCT(nominal operating cell temperature)	47°C (±2°C)	47°C (±2°C)
Temperature range	-10~65°C	-10~65°C
Dimension(unfolded)	663*2349*25mm	536*1228*25mm
Dimension(folded)	663*616*54mm	536*608*38mm
Weight	9kg±0.3kg	3.6kg±0.3kg



Items	TB280W_SP_SC_23V	TB130W_SP_SC_20V
Open circuit voltage (Voc)	Theory data: 27.6V ±5%	Theory data: 24V ±5%
Short circuit current (Isc)	Theory data: 13.39A±5%	Theory data: 7.15A±5%
Max. power voltage (Vm)	Theory data: 23V ±5%	Theory data: 20V ±5%
Max. power current (Im)	Theory data: 12.17A ±5%	Theory data: 6.5A ±5%
Max. power (Ppm)	280W±5%	130W±5%
Fill factor (FF)	> 72.5%	> 72.5%
Transformation efficiency (EFF)	≥21.7%	≥21.7%
No. of cells of connections	168=3x14PCSx4	72=4x9PCSx2
NOCT(nominal operating cell temperature)	47°C (±2°C)	47°C (±2°C)
Temperature range	-10~65°C	-10~65°C
Dimension(unfolded)	693*2525*25mm	700*1244*25mm
Dimension(folded)	693*660*54mm	700*616*38mm
Weight	13.56kg±0.3kg	9kg±0.3kg