

Spec Sheet

Specifications						
Battery Power		280Ah/314Ah Lithium Battery				
DC		11-60V/200W				
Type-C1 Output/Input		5V3A;9V3A;12V3A;15V3A;20V3A 60W Max				
AC Output	Pure Sine Wave Output					
	AC Continuous Output			200W		
	AC Max Output			400W @ 1second		
	AC Voltage			220VAC± 10%		
	Output Frequency			50HZ/60HZ		
USB*4 output		QC3.0 output 5V3A;9V2.5A;12V2A 24W Max				
Type-C2 Output		5V3A;9V3A;12V2.5A;15V2A;20V1.5A 30W Max				
DC5521*4 Output		12V/3A. The maximum current when all 4 ports are in use is 7A.				
Cigarette lighter Output		12V/7A				
LED light		Maximum power 3W; Full light/half light/slow flashing/third gear light				
Operation temperature		-10℃~40℃				
Lifecycle		≥6000 times				
Charge While Discharge		Support				
Product Size		275*190*130mm				
Weight		9.0KG				
MultiSafety Protections	Short-circuit protection					
	Over-current protection					
	Over-voltage protection					
	Low-voltage protection					
	Over-load Protection					
	Over-temperature protection					
Output parameters						
Outputs	USB Outputs				Type-C Outputs/Inputs	
	USB1	USB2	USB3	USB4	TYPE-C1	TYPE-C2
Output Voltage Range(V)	5-12V	5-12V	5-12V	5-12V	5-20V	5-20V
Ripple&Noise	<200 mV	<200 mV	<200 mV	<200 mV	<500 mV	<500 mV
Output Current	2.0A	2.0A	2.0A	2.0A	2.2-3A	2.2-3A
Over Current point	>3.6A	>3.6A	>3.6A	>3.6A	>3.6A	>3.6A
Rated Power	24W Max	24W Max	24W Max	24W Max	60W Max	30W Max
Over-Load Protection	Self-recover when loads are removed				Locked,need re-start	
Short-Circuit Protection	Self-recover when loads are removed				Locked,need re-start	

Inverter parameters

Range	Min	Typical	Max
Output Voltage Range(V)	198	220	242
Output Frequency	50HZ/60HZ		
Output Waveform	Pure Sine Wave		
Rated Power	Resistive load	200W	
	Inductive load	200W	
	capacitive load	200W	
Output VA		220VA	
Surge power (Resistive load)		400W@ 1s	
Standby power		<5W	
Efficiency		>85%	
Overload Protection Mode		Turn off output, recover after overload removal	
Short circuit protection Mode		Turn off output, short circuit after removal	
Over Temperature protection Mode		Turn off output, recover after temperature rise returns to norma	
Over Temperature Protection Valve		≥65 ℃(cell surface)	
Heat-Dissipating Method		Built-in Cooling Fan /AL case	
Fan to Run When Temperature Meets		≥40 ℃(environment temperature of front radiator)	

Battery pack

Range	Min	Typical	Max
Battery Type	LFP Battery		
Battery Pack	Single cell		
Battery Capacity	280Ah/314Ah		
Charge Voltage	12V	/	60V
Charge cut-off Voltage	3.65V		
Charge Current	20A Max		
By Hardware(BMS)	/	3V	/
Efficiency	≥87%		
Time of Charging	PD	10H	11H
	DC	16H	20H

Environment

Work Temperature	-10 °C ~40 °C
Work Humidity	20%~85%RH
Storage Temperature	-20 °C ~60 °C
Storage Humidity	20%~85%RH

