



Battery Specifications	Capacity (Wh)	5120Wh (51.2V 100Ah)																																																																																															
	Capacity(mAh)	1600000 mAh(3.2V)																																																																																															
	Battery Type	LiFePO4																																																																																															
	Cycle life	25°C Cycle Life 0.5C CCCV to 3.65V, 0.05C cut off; 1.0C CD to 2.5V, After 4000 cycles, Capacity retention≥70% Initial capacity																																																																																															
Highlights		Large capacity, high power, reliable power supply																																																																																															
Same time charge and discharge		Support																																																																																															
AC Output	Rated Power	3600W																																																																																															
	Surge Power	7200W 0.1S																																																																																															
	Backup Power Mode	200-240V,14A MAX Switch Time < 10mS																																																																																															
	Rated Frequency	60Hz/50Hz																																																																																															
	Inverter efficiency	η≥90% (25°C, ≤65%Rh)																																																																																															
	Depth of Discharge	DOD≥90%																																																																																															
	Output Wave	Pure Sine Wave																																																																																															
AC Output		5* Outlets,AC220-240Vac, 3600W MAX																																																																																															
USB Output	USB-A	2* 12W (5V/2.4A)																																																																																															
	USB-QC3.0	2* 18W (5V/3A ; 9V/2A; 12V/1.5A) ;																																																																																															
	Type-C	2* PD100W(5V3A;9V3A;12V3A;15V3A;20V5A)																																																																																															
DC Output	DC5521	2* 36W (12V/3A)																																																																																															
	RV(Aviation Port)	1* 120W (12V/10A), GX16 2 Pin Aviation																																																																																															
	Car Charging Port	1* 120W (12V/10A)																																																																																															
DC5521*2+RV(Aviation Port)+Car Charging Port=Total120W																																																																																																	
Charging	AC Charging	Fast Charging: Max 3000W ,Slow Charging 600W																																																																																															
	Solar Panel Charging	1* XT60 Port,12V-60V/20A , MPPT MAX 1000W																																																																																															
	Car Charging	12V/8A,24V/10A																																																																																															
	AC Charging Time	1 hrs 40 mins																																																																																															
	Solar Charging Time	5 hrs 45 mins																																																																																															
Operating Condition	Battery Safety Systems	BMS Management																																																																																															
	Protection	<table><tr><td>Item</td><td>Test</td><td>Min.</td><td>Typ.</td><td>Max.</td></tr><tr><td>Temperature</td><td>-</td><td>-40℃</td><td>-</td><td>104℃</td></tr><tr><td>Voltage</td><td>-</td><td>-</td><td>14.5V</td><td>-</td></tr><tr><td>Current</td><td>-</td><td>-</td><td>14A</td><td>-</td></tr><tr><td>Power</td><td>-</td><td>-</td><td>1400W</td><td>-</td></tr><tr><td>Frequency</td><td>-</td><td>-</td><td>50Hz</td><td>-</td></tr><tr><td>Humidity</td><td>-</td><td>-</td><td>95%</td><td>-</td></tr><tr><td>Altitude</td><td>-</td><td>-</td><td>10000ft</td><td>-</td></tr><tr><td>Shock</td><td>-</td><td>-</td><td>1g</td><td>-</td></tr><tr><td>Vibration</td><td>-</td><td>-</td><td>1g</td><td>-</td></tr><tr><td>EMC</td><td>-</td><td>-</td><td>FCC Class B</td><td>-</td></tr><tr><td>RoHS</td><td>-</td><td>-</td><td>Compliant</td><td>-</td></tr><tr><td>REACH</td><td>-</td><td>-</td><td>Compliant</td><td>-</td></tr><tr><td>UL</td><td>-</td><td>-</td><td>UL 1642</td><td>-</td></tr><tr><td>CE</td><td>-</td><td>-</td><td>CE</td><td>-</td></tr><tr><td>CCC</td><td>-</td><td>-</td><td>CCC</td><td>-</td></tr><tr><td>PSE</td><td>-</td><td>-</td><td>PSE</td><td>-</td></tr><tr><td>UN38.3</td><td>-</td><td>-</td><td>UN38.3</td><td>-</td></tr><tr><td>MSDS</td><td>-</td><td>-</td><td>MSDS</td><td>-</td></tr></table>	Item	Test	Min.	Typ.	Max.	Temperature	-	-40℃	-	104℃	Voltage	-	-	14.5V	-	Current	-	-	14A	-	Power	-	-	1400W	-	Frequency	-	-	50Hz	-	Humidity	-	-	95%	-	Altitude	-	-	10000ft	-	Shock	-	-	1g	-	Vibration	-	-	1g	-	EMC	-	-	FCC Class B	-	RoHS	-	-	Compliant	-	REACH	-	-	Compliant	-	UL	-	-	UL 1642	-	CE	-	-	CE	-	CCC	-	-	CCC	-	PSE	-	-	PSE	-	UN38.3	-	-	UN38.3	-	MSDS	-	-	MSDS	-
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Charging Temperature		0-40 °C /32-104°F (20°C- 30°C Rommended)																																																																																															
Discharging Temperature		-10-40 °C /-4-104°F (20°C- 30°C Rommended)																																																																																															
Cooling Strategy		4*Fans																																																																																															
Mechanical Specifications	Shell Material	ABS+PC, Fire rating 94 V-0																																																																																															
	Dimension(L*W*H mm)	L550*W299*H487																																																																																															
	Weight	N.W.: 52.5kg G.W. : 58kg																																																																																															
	Package Includes	BP5000E Pro Max *1, ,AC cable*1,MC4 cable*1,Car charging cable*1,manual *1,Bluetooth Pairing Pin*1																																																																																															
	Certificate Report	CE,FCC,PSE,UN38.3,EMC,LVD,RoHS,MSDS																																																																																															
	Warranty	2 years																																																																																															