

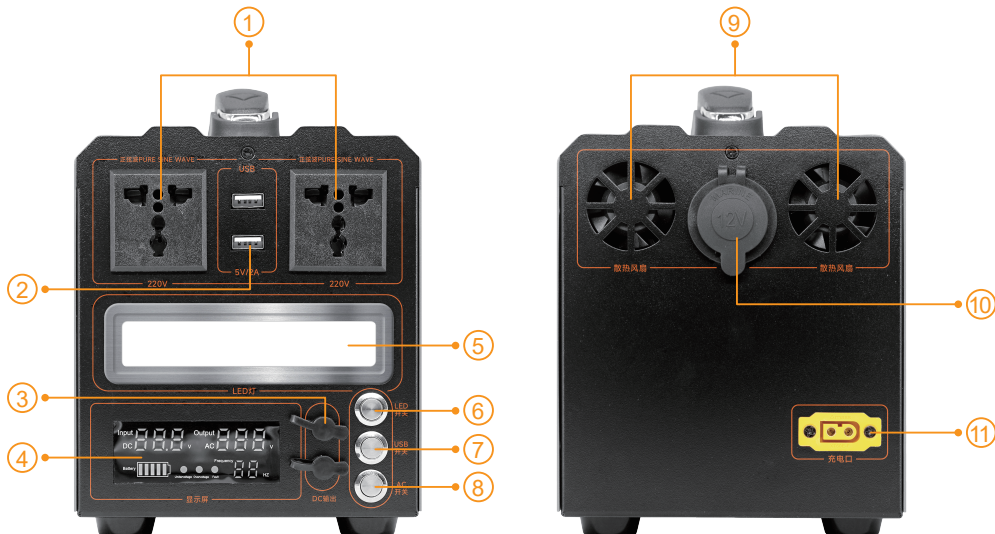
ZY-51A-300/600W Portable Power Station Kit



【INSTRUCTIONS】

Before using this product, please read this guide carefully and follow its instructions.
Please keep this guide for future reference (reserve it for backup)!

Panel introduction



1、AC Output

4、LED Display

7、USB Switch

10、Cigar Lighter

2、USB Output

5、LED Light

8、AC Switch

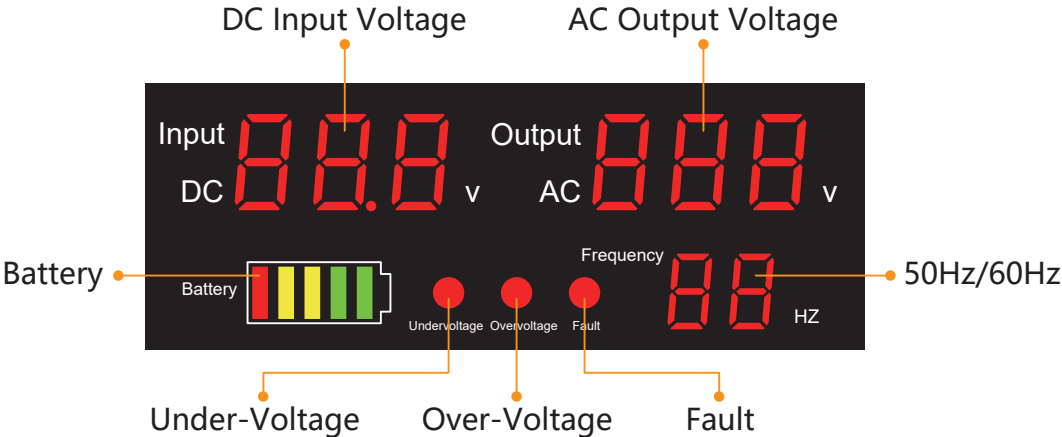
11、DC Input (XT60)

3、DC Output

6、LED Light Switch

9、Cooling Fan

LED Display



AC Output Parameter

Rated Power	300W	600W
Output Voltage	110Vac/220Vac	110Vac/220Vac
Output Waveform	Pure sine wave	Pure sine wave
THD	≤5% (Linear load)	≤5% (Linear load)
Output Frequency	50Hz/60Hz	50Hz/60Hz
Output Frequency Range	±0.5	±0.5
Continuous Output Power	300W (Resistive load)	600W (Resistive load)
Peak Power	600W	1200W
Output Efficiency	≥87%	
LED Display	One (Displays DC voltage, AC voltage, output frequency, battery level)	
Cigar Lighter	One 12V-10A-120W (For a 24V battery, a pressure reduction plate must be installed to reduce the voltage to 12V)	
AC Output	Two (150V~220V,50Hz/60Hz)	
USB	Two 5V 2.5A	
DC 2.1 Output	Two 12V/24Vdc-10A-120W	
Switch	Three (LED Light, USB, AC)	

DC Input Parameter

Input voltage	12Vdc	24Vdc
Input voltage range	9.5~15.5Vdc	19~30Vdc
Low voltage alarm	9.5Vdc	20Vdc
Low pressure protection	9Vdc	19Vdc
Overvoltage protection	16Vdc	30Vdc
Applicable battery	4 strings of ternary 3 strings of lithium iron	8 strings of ternary 7 strings of lithium iron
DC charging interface	One (XT60E-F 30A)	
Shutdown static current mode	$\leq 30\mu\text{A}$	
cooling fan	Two (Intelligent fan: $\geq 33^{\circ}\text{C}$ starts, $\leq 31^{\circ}\text{C}$ stops)	
Positive and negative terminals	Screw in	

Protection

High temperature protection	$\geq 70^{\circ}\text{C}$, Close output
Short circuit protection	✓
Overload protection	✓

Other Parameters

Operating environment	-20°C ~70°C;10~90%RH
Storage environment	-40°C ~70°C;10~95%RH
Service altitude	≤3000m (Over 1000 meters,derated use)
Product size	270*147*210mm
Battery space size	210*140*107mm
Net Weight	3.1kg
Package size	325*205*215mm
Gross Weight	3.4kg

Output

			
AC Output *2	USB *2	Cigar Lighter*1	DC Output*2
Pure sine wave 110V/230V	5V,9V,12V, Max 30W	DC 12V-10A	DC 12V-5A

Input


XT60 *2
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