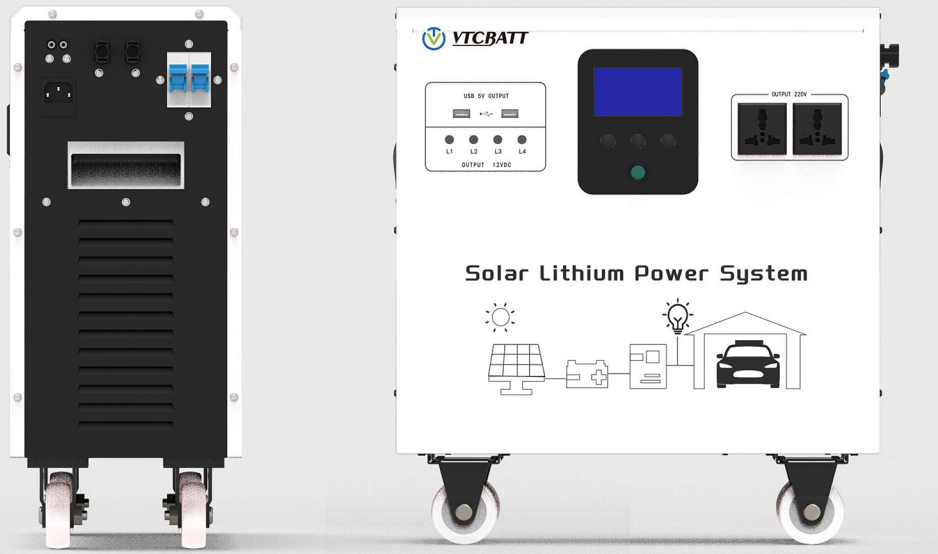




Small All in One ESS

Advantages

- Portable and Convenient
- Wide application for Emergency Power Supply
- LCD display
- Integrated Inverter
- Safe Lifepo4 battery technology
- Solar AC Input

Application scenarios



Parameters

Item	Name	Specification	Remark
Display System	Display Screen Type	liquid crystal display touch screen	
	Background light	Full colour	
Lifepo4 Battery Pack	Battery Type	LiFePo4	
	Rated Energy	1200WH	
	Rated Capacity	100Ah	
	Rated Voltage	12.8V	
	Cycle Life	>6000 times	
BMS	Discharge characteristic	Continuous current	100A
		Over current protection	120A
	Charge characteristic	Charge voltage	14.6V
		Charge current	≤20A
	Over-charge Protection	Single cell cut-off voltage	3.65V
		Single cell recovery voltage	3.58V
	Over-discharge Protection	Single cell cut-off voltage	2.8V
		Single cell recovery voltage	3.0V
	Over-current Protection	Overcurrent detection current	130A
		Overcurrent protection release condition	Release load
	Short-Circuit Protection	Short circuit protection	Enable
		Short circuit protection release condition	Release load
	Self-consumption current	Operating mode power consumption	≤50mA
		Idle mode power consumption	≤200uA
Charging Input	AC Charging Input	Rated Input voltage (V)	110V-220V50/60HZ
		AC maximum input voltage	AC300V
		AC maximum input current	20A
		Over-current protection	Yes
		Interface type	Wire presssure terminal
	Solar PV Charging Input	Interface type	Wire presssure terminal
		Rated Input voltage (V)	DC380V
		Input voltage range(V)	120-450V
		Input power	1000W
		Positive and negative pole insertion	Yes
		Reverse protection	Yes
	AC Output	Over-current protection	Yes
		Output wave form	Pure sine wave
		(Vac)Output voltage 1	220V-240V
		Output port voltage 2	USB5V
		Output port voltage 3	12VDC
		(Hz)Output frequency	50HZ/60HZ
		Output power	1000W
		No-load power consumption	100W
		Inversion efficiency	≥90%
		Under-voltage output protection	Yes
		Over-voltage output protection	Yes
		Over-load output protection	Yes
		Short-circuit output protection	Yes
		Released condition of short-circuit protection	Disconnect the load, Charge to activate
Communicatio mode	Wireless connections	WIFI	
Environment	Environment Temperature	0°C-50°C	
	Charge Temperature(°C)	0°C-45°C	
	Humidity(%)	0-90%	
	Cooling	Forced air -cooling	
Dimension	L/W/H(MM)	400*370*190	
Weight	Net Weight	25KG	