

ENERCASE

5 kWh Portable Energy Storage





Basics

- *Lithium Iron Phosphate (LFP)*
- *Capacity: 5.4 kWh*
- *Power: 3 kW / 6 kW (Peak)*
- *Seperated DC and AC output on/off button*
- *Warranty: 3 years*

Output

- *AC: 120V 60Hz (*2)*
- *DC: 12 V 15A (*1)*
- *DC: 24 V 20A (*1)*
- *USB (*2)*
- *USB QC3.0 (*1)*
- *TypeC (*1)*



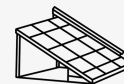
Multi-Functional Display



High Temperature Automatic Protection



Short Circuit Protection



24 V 300 W Solar Power Charging



Can be Charged by EVs



48 kg only

EnerCase Basic Parameters			
AC Continuous Output Power	3000 W		
Peak AC Power	6000 W		
AC Output Waveform	120 V 60 Hz		
Battery Model	LFP105Ah		
Battery Capacity	5040 Wh		
Battery Type	Lithium-ion battery cell (supporting up to 1 C discharge)		
DC Output	12 V and 24 V constant voltage		
USB Output	USB QC3.0 Type C*1		
Charging Time	Depending on the specific situation		
Charging Voltage and Current	DC30-40V 15A (max) Solar Energy 36 V		
Defective Function	Overvoltage, undervoltage, overtemperature, overcurrent and output short circuit protection		
Operating Ambient Temperature	-20 °C - 60 °C		
Product Size	570*425*280 mm		
Net Weight of Product	< 40 kg		
Input Electrical Specification			
AC Input (External Charger)			
Rated Voltage	114~126	VAC	
Rated Frequency	60	Hz	
Input Current	0.6	A	
Transformation Efficiency	>=85%		Vin=220 Vac rated load
DC Input			
Voltage	30-40 (MAX)	VDC	External Adapter and Charger
Electric Current	<=15	A	
Output Electrical Specification			
AC Output			
Rated Voltage	120 ± 5%	VAC	
Rated Frequency	50 ± 1%	Hz	
Rated Power	3000	W	
Total Harmonic Distortion	<5%		
Transformation Efficiency	>89%		
DC Output			
USB QC3.0 Voltage and Current	5V3A / 9V2A / 12V1.5A	V/A	Self-adaption
DC Output Voltage	12±0.5	V	
DC Output Current	14-15	A	
DC Output Voltage	22.4-28.9	V	
DC Output Current	20	A	
Operate and Storage Environment Requirement			
Operating Ambient Temperature	-20~+60	°C	
Storage Ambient Temperature	-20~+60	°C	
Operate and Storage Humidity Range	45%~85%	RH	
Cooling Type	Fan Cooling		Heat Dissipation >= 42°C
Altitude	3000	m	
Mean Time Between Failure	>=5000	H	
Protection Function			
Over-charging, over-discharging, overload, over-temperature, and short-circuit protection.			
Battery Voltage Overload	3.65 V	V	Protection and self-recovery
Low Battery Voltage	<2.5 V	V	Protection, need to be activated by charging.
Battery Temperature Protection	>=60	°C	Protection, self-recovery after low temperature
Hyperpyrexia	inverter >= 65°C	°C	Alarm and turn off, self-recovery output after low temperature
Overload		W	Shutdown the alarm and restart the switch.
Output Short Circuit		W	Shutdown the alarm and restart the switch.
USB Overcurrent	3	A	Turn off the output to reduce the current self-recovery.
DC Overcurrent	>16	A	Turn off the output to reduce the current self-recovery.

EnerCase helps you with:

