25KW-50KWh-HV
C&I energy storage system



The described product characteristics and parameters are subject to change without notice

Product Features

- Safe, reliable and long life
- Standardized module design
- Dual charge and discharge control
- Support parallel operation
- Support PV and GEN
- High voltage battery,higher efficiency and LCD screen display
- 100% unbalanced output
- Efficient operation and maintenance

Compatible With Inverter Brands

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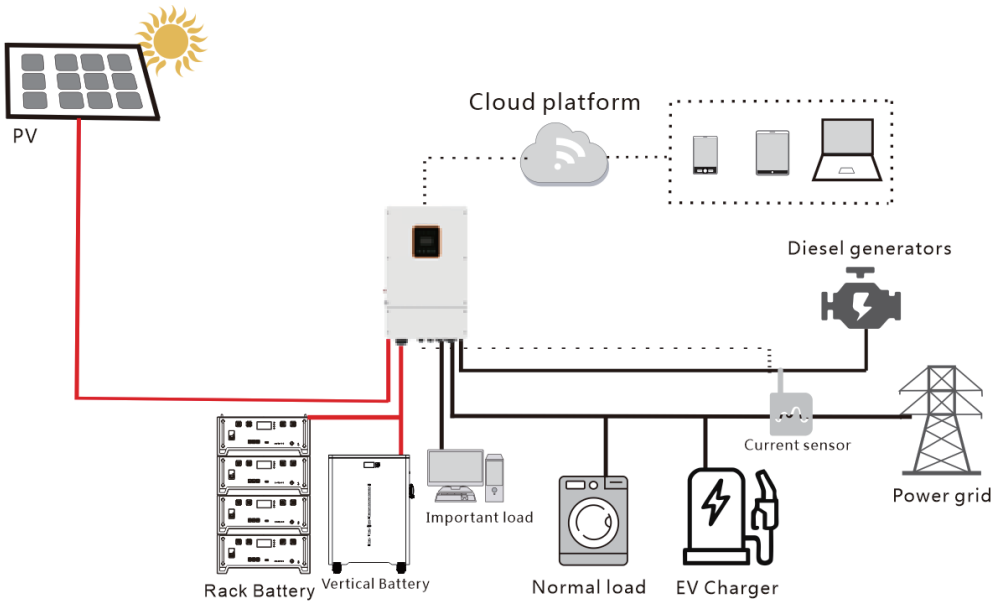
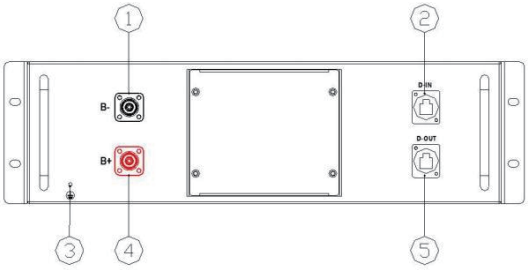
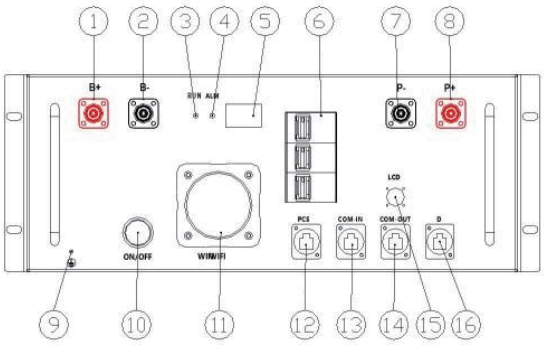


System Specification



Description of Battery Module



Description of High-Voltage Control Box

PV Parameter	C&I energy storage system 25KW-50KWh
PV configuration(PCS)	550W*48/12S4P
Maximum power(W)	26.4KW
Open voltage(V)	49.9V
Short-circuit current(A)	14A
Max.power point voltage(V)	41.96V
Max.power point current(A)	13.11A
Conversion efficiency (%)	21.30%
Max.system voltage(V)	1500V
Size(mm)	2278*1134*30mm
Inverter Parameter	
Output power(W)	25KW
Max. output power(W)	27.5KW
Output AC voltage(V)	220VAC/380VAC
Frequency (Hz)	50/60Hz
Max. PV power(W)	32.5KW
Max. PV DC voltage(V)	1000V
MPPT voltage range(V)	150-850V
MPPT max. input current(A)	26+26A
No. MPPT/Max parallel string	2/2
Size/W*D*H(mm)	408*237*638mm
Battery Parameter	
Parameters(V/Ah/KWh)	512V100Ah/51.2KWh
Maximum current(A)	⩽50A
Number of batterys	1 PCS
Charging temperature(°C)	0~55°C
Discharge temperature(°C)	-20~60°C