50KW-100KWh-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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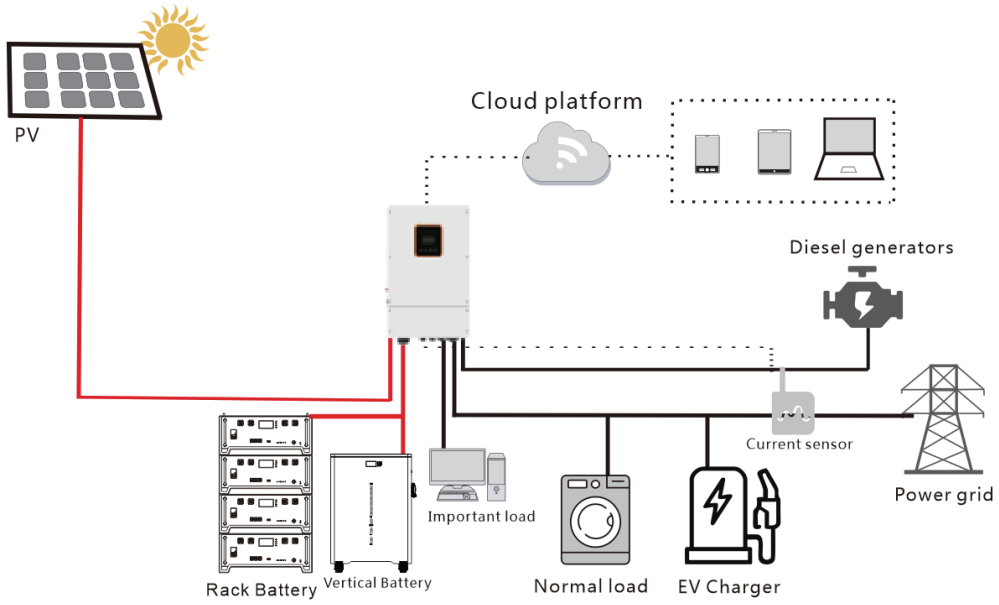
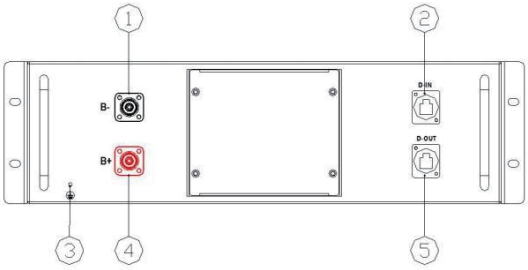
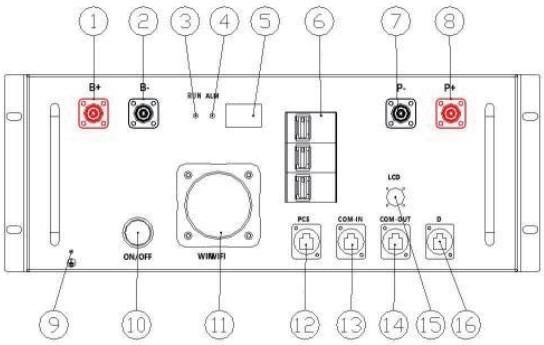


System Specification



Description of Battery Module



Description of High-Voltage Control Box

PV Parameter	C&I energy storage system 50KW-100KWh
PV configuration(PCS)	550W*96/12S8P
Maximum power(W)	52.8KW
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)	50KW
Max. output power(W)	55KW
Output AC voltage(V)	220VAC/380VAC
Frequency (Hz)	50/60Hz
Max. PV power(W)	65KW
Max. PV DC voltage(V)	1000V
MPPT voltage range(V)	150-850V
MPPT max. input current(A)	36+36+36+36A
No. MPPT/Max parallel string	4/2+2+2+2
Size/W*D*H(mm)	527*294*894mm
Battery Parameter	
Parameters(V/Ah/KWh)	512V100Ah*2/102.4KWh
Maximum current(A)	⩽100(50+50)A
Number of batterys	2 PCS
Charging temperature(°C)	0~55°C
Discharge temperature(°C)	-20~60°C