

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, high-
efficiency and LCD
screen display



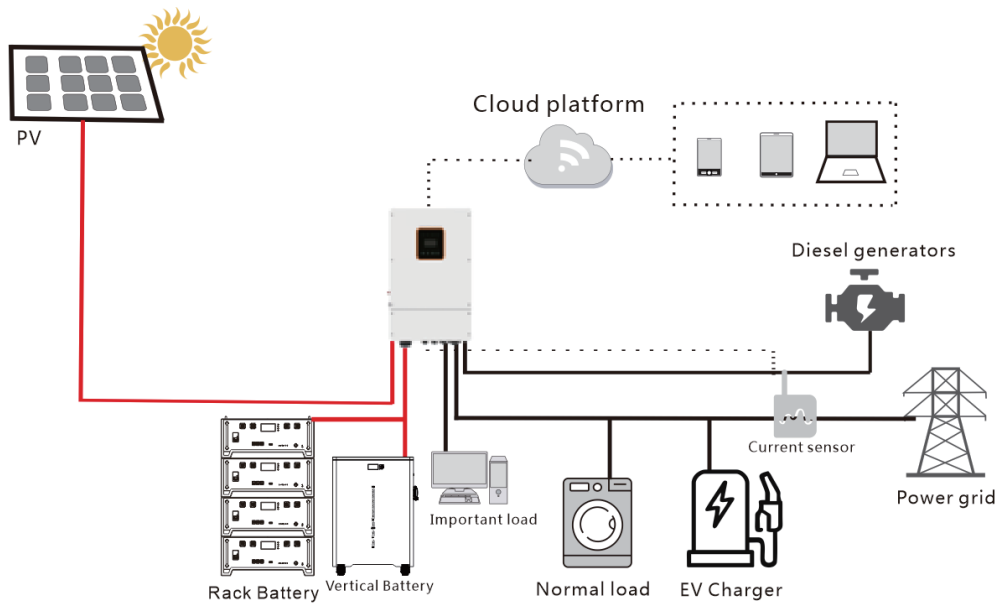
100% unbalanced
output



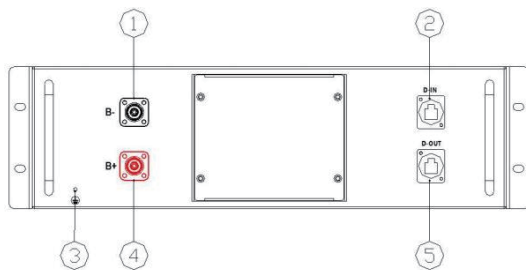
Efficient operation
and maintenance

Compatible With Inverter Brands

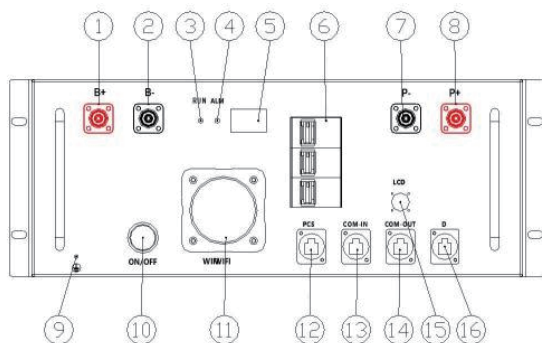




System Specification



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 batteries	2 PCS
Charging temperature(°C)	0~55°C
Discharge temperature(°C)	-20~60°C