

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, high-
er efficiency and LCD
screen display



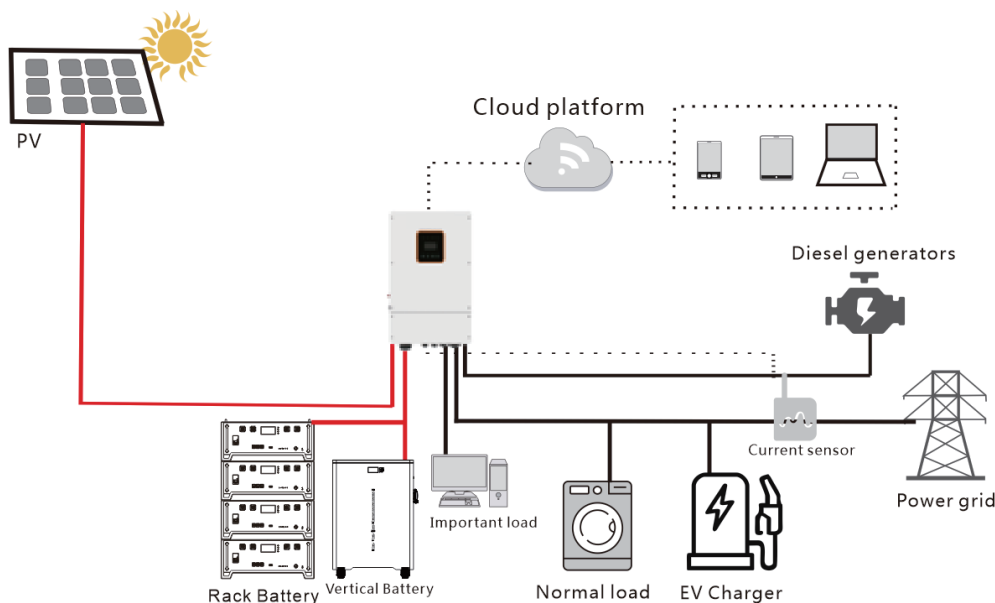
100% unbalanced
output



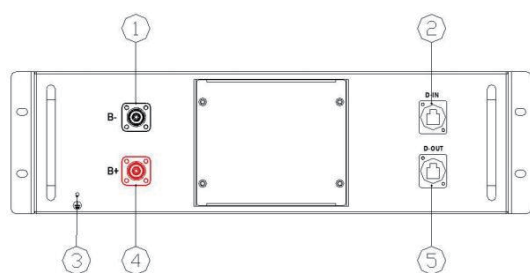
Efficient operation
and maintenance

Compatible With Inverter Brands

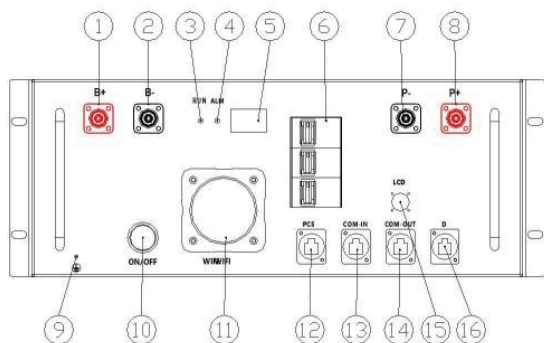




System Specification



Description of Battery Module



Description of High-Voltage Control Box

PV Parameter	C&I energy storage system 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 batteries	1 PCS
Charging temperature(°C)	0~55°C
Discharge temperature(°C)	-20~60°C

16*2KW-64KWh-LV C&I energy storage system



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Product Features



Safe, reliable and long life



Dynamic identification, automatic paralleling, no need for DIP switches



Support Bluetooth, mobile APP switching PCS protocol



Flexible expansion, the number of parallel machines supports up to 15



Support PV and GEN



Visualization, LCD screen display



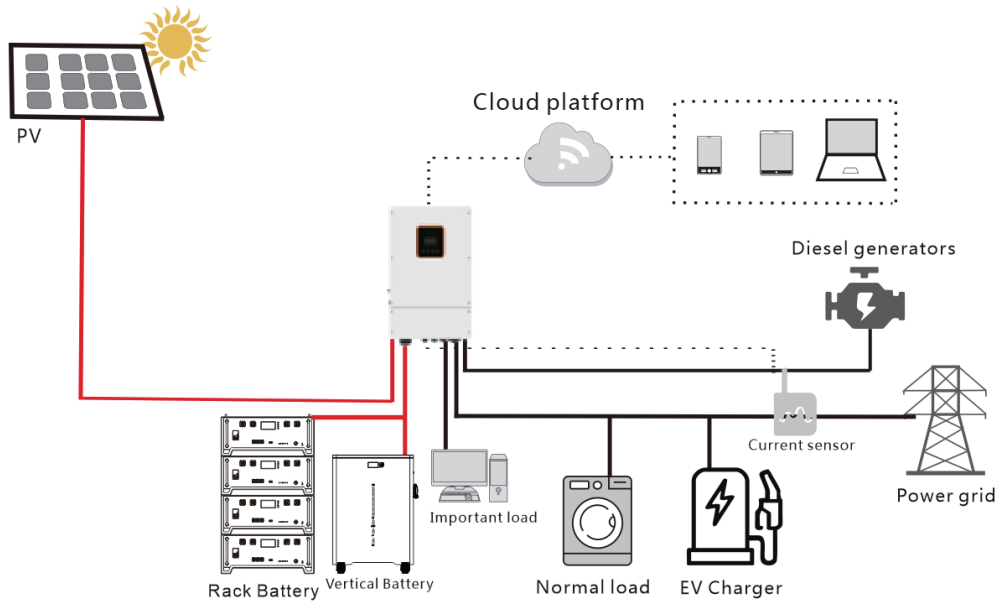
Supports mixed parallel of old and new batteries



Remote intelligent upgrade maintenance

Compatible With Inverter Brands

MACQUARIE	SOROTEC	GROWATT	DEYE	VITVON	SERMATEC	LUXPOWER	GSSTES
SMA	GOODWE	SREN	HuiNeng	iYPower	OUKITEL	ROBOROCK	Sunsunk
Voltronic	Pylontech	MustPower	SAKO	Senergy	Felicity	KSTAR	Solis



System Specification



Product appearance

PV Parameter	C&I energy storage system 32KW-64KWh
PV configuration(PCS)	550W*84/7S12P
Maximum power(W)	46.2KW
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)	32KW
Max. output power(W)	35.2KW
Output AC voltage(V)	220VAC/230VAC
Frequency (Hz)	50/60Hz
Max. PV power(W)	41.6KW
Max. PV DC voltage(V)	500V
MPPT voltage range(V)	125-425V
MPPT max. input current(A)	26+26+26A
No. MPPT/Max parallel string	6/2+2+2
Size/W*D*H(mm)	464*282*763mm
Battery Parameter	
Parameters(V/Ah/KWh)	51.2V314Ah*4/64.3KWh
Maximum current(A)	≤600A
Number of batteries	4 PCS
Charging temperature(°C)	0~55°C
Discharge temperature(°C)	-20~60°C

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



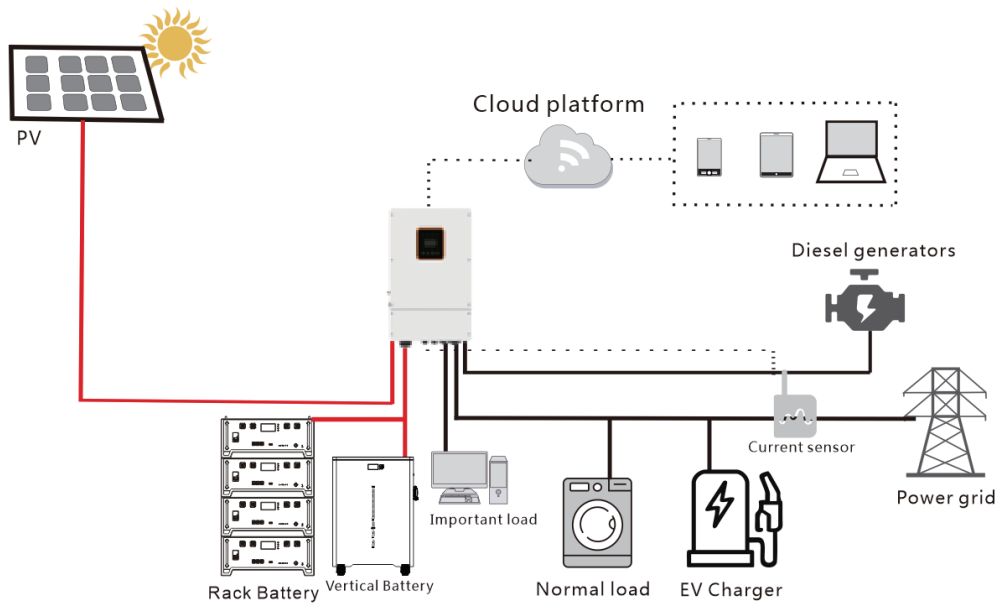
100% unbalanced
output



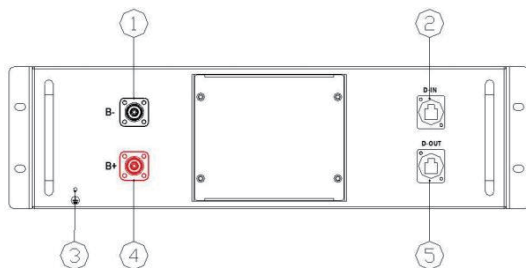
Efficient operation
and maintenance

Compatible With Inverter Brands

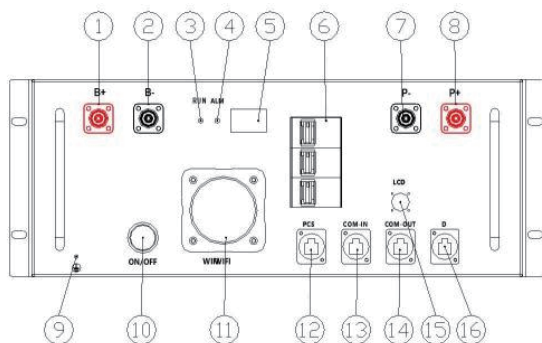




System Specification



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

100KW-215KWh-HV C&I energy storage system



Product Features

This series is a complete solution for industrial and commercial energy storage, supporting photovoltaic systems, energy storage lithium batteries, energy storage converter refrigeration systems, fire protection systems, etc. The system is safe and reliable and can be used in home energy storage, industrial and commercial energy storage systems and other fields.



Safe, reliable
and long life



High quality guarantee



Easy to use and deploy



Supply chain advantages



core technology



product design

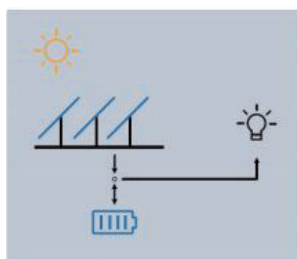


Flexibility

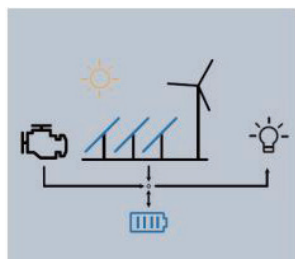


Highly efficient and
profitable

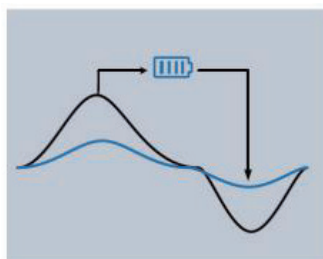
Application scenarios



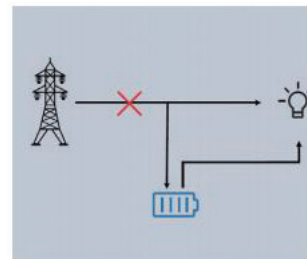
Optical storage microgrid



Firewood storage microgrid

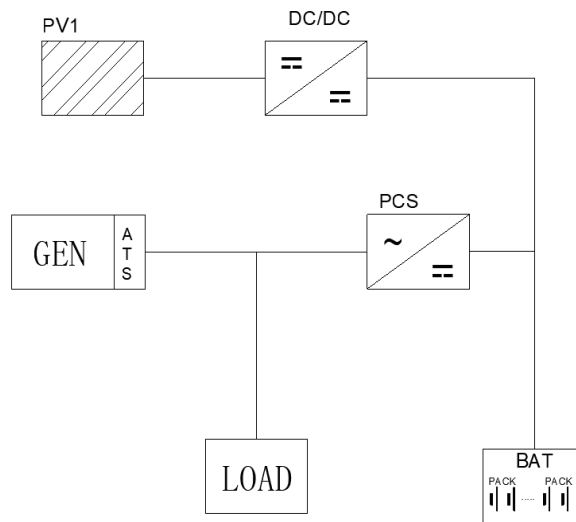


Firewood storage
and weak power grid



emergency power supply

System topology diagram



Technical parameters

Battery parameters	
Cell specifications	LFP3.2V-280Ah
Battery module configuration	20S1P-64V280Ah
System energy configuration	240S1P-768V280Ah
Rated voltage(V)	768V(600V~876V)
Rated capacity(Ah)	280Ah
Rated energy (kWh)	215KWh
PCS parameters	
Rated power(kW)	100KW
Rated current(A)	144A
Rated output voltage (VAC)	400VAC
Grid system	3L+N+PE
Rated frequency (HZ)	50/60Hz
power factor	0.99
PV parameters	
Photovoltaic maximum power (KW)	110KW
Photovoltaic maximum voltage (V)	650V
Photovoltaic voltage range (V)	200-650V
Photovoltaic maximum current (A)	200A
Photovoltaic input quantity	2/1
System parameters	
System size (mm)	1850*1355*2150mm
System reference weight (kg)	About 2270Kg
Waterproof level	IP54
Communication method	RS485/TCP/WIFI

