

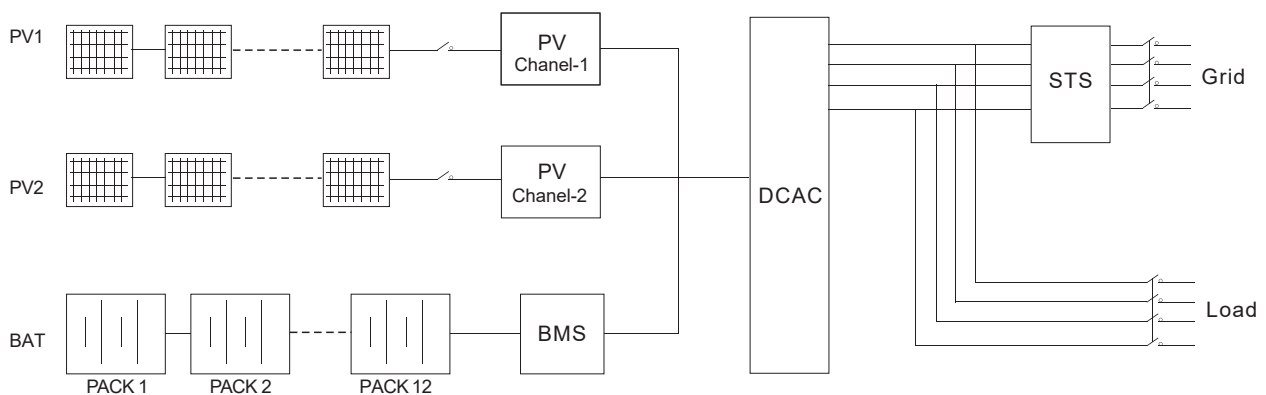
30kW 60kWh ESS



Features

- Easy to install and deploy with large space utilization
- Unique modular design & flexible function configuration
- With self-use, peak shifting, forced charging & discharging and other working modes
- Strong scalability, simple & convenient expansion on both AC and DC sides

System Topology



Specifications

Module

Battery parameters

Number of battery packs	12
Rated voltage	614V
Voltage range	480~700.8
Rated energy	61.4kWh
Max. continuous discharging current	100A
Max. charging current	90%
Cycle life	6000 times

PV parameters

Max.PV input power	38kW
Rated input voltage	620VDC
Max.input voltage	850VDC
MPPT voltage range	200~830VDC
PV input current	32A+32A

AC side parameters

AC rated input/output power	30kW
AC Max. input/output power	33kVA
Overload capacity	1.2Pn, lasting for 1 minute
Maximum efficiency	98.9%
Voltage	3L/N/PE; 230/400V
Frequency	50/60Hz
THDi	≤5%
Power Factor	0.8 leading to 0.8 lagging

System parameters

Dimension (W*D*H)	680*900*2090mm
Weight	about 830kg
Communication	CAN/RS485/WiFi/ETH
Design Life	10 years+
Expansion	Support in parallel
Enclosure protection rating	IP54
Cooling	Air cooling
Environment temperature	-20~55℃
Humidity	10%~95%RH
Altitude	<2000m

1.The pictures are for reference only , Please refer to the order for actual product images