



BLOCK-S

Cabinet 3060/5060



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

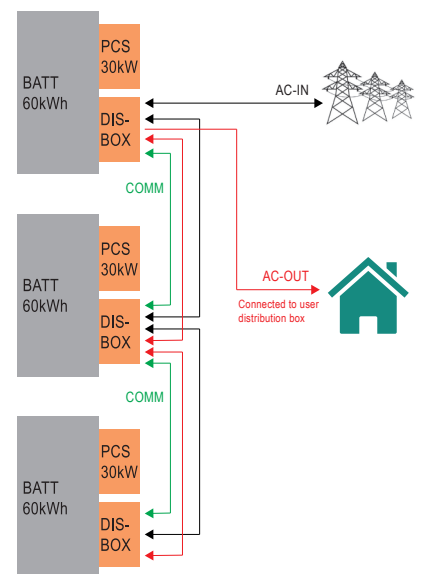
Expansion



Expansion in DC side



Expansion in AC side



Topology (Max.power ≤ 100 kW)

Specifications	Block-S 3060	Block-S 5060
Battery parameters		
Number of battery packs	12	12
Rated voltage	614.4V	
Voltage range	556.8~662.V	
Rated energy	60kWh	
Max. continuous charging and discharging current	100A	
Communication	RS485/CAN	
Cycle life	6000 times	
PV parameters		
Max. PV input power	39kW	65kW
Rated input voltage	600VDC	
Max. input voltage	1000VDC	
MPPT voltage range	200-850VDC	
PV input current	36+36+36(A)	36+36+36+36(A)
AC side parameters		
AC rated input/output power	30kVA	50kVA
AC Max. input/output power	33kVA	55kVA
AC rated input/output current	45.6A	75.8A
AC Max. input/output current	60A	83.3A
Voltage	3L/N/PE; 230/400V	
Frequency	50/60Hz	
THDi	≤3%	
Power Factor	0.8 leading to 0.8 lagging	
System parameters		
Dimensions (W*H*D*)	1200*2160*750mm	
Weight	860kg	860kg
Communication	CAN/RS485/WiFi/ETH	
Warranty	10 years	
Expansion	Support in parallel up to 150kW/180kWh	
Enclosure protection rating	IP55	
Cooling	Air cooling	
Environment temperature	~30~50°C	
Humidity	10%~95%RH	
Altitude	<2000m	
Certifications	UN38.3/CE/IEC62619/CEI 0-21/VDE-AR-N 4105/IEC 62109	