



BlockArk 1P192S/1P208S/1P260S/1P260S

BlockArk Series

Commercial And Industrial Ess (Liquid Cooling)



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

BlockArk Series

MODULE	BlockArk 1P192S	BlockArk 1P208S	BlockArk 1P260S	BlockArk 1P260S
DC Battery Parameters				
Battery Rated Energy (kWh)	192.9216	208.9984	261	261
Battery Rated Voltage (V)	614.4	665.6	832	832
Battery Voltage Range (V)	547.2 ~ 681.6	592.8 ~ 738.4	752 ~ 923	752 ~ 923
Battery Type	LFP			
Battery Energy (Ah)	314			
Battery Life Cycle	6,000 Cycles (0.5C, 5% ~ 95%DOD, 80%SOH)			
Battery Standard Charge/ Discharge Rate (C)	0.5			
Battery Pack Series And Parallel	1P48S × 4	1P52S × 4	1P260S	1P260S
Module Cooling Method	Liquid Cooling			
PCS parameters				
Optional PCS	80-125kW Hybrid Inverter (Wall-Mounted)	80-125kW Hybrid Inverter (Wall-Mounted)	80-125kW Hybrid Inverter (Wall-Mounted)	125kW Rack-Mounted PCS 80-125kW Wall-Mounted Hybrid Inverter
PCS Power (kW)	80 ~ 125	80 ~ 125	80 ~ 125	80 ~ 125
Maximum Current (A)	200			
Rated AC Voltage (V)	400			
AC Voltage Range (V)	±5%			
Rated AC Frequency (Hz)	50/60			
Wiring Method	3P+N+PE			
Current Distortion Rate THDi	<3% (Rated Power)			
Power Factor	≥0.99 / - 1 - 1			
Voltage Total Harmonic Distortion THDU	<3% (Linear Load)			
PCS Cooling Method	Air Cooling			
Maximum Efficiency	98.5%			
System Parameters				
Energy Cycle Efficiency	≥90%			
Protection Level	IP54			
Corrosion Resistance Level	C3 is the default, C4/C5 are optional			
Fire Fighting	Aerosol/Perfluorohexanone (Optional)			
Altitude	3000m (Derating Applies Over 2000m)			
Relative Humidity	0~95% (Non-condensing)			
Ambient Temperature	-20°C ~ +50°C			
Communications	4G / CAN / RS485			
Dimensions (W×D×H) mm	1115*1413*2149	1115*1413*2149	1115*1413*2149	1115*1413*2149
Weight (kg)	1787	1875	2090	2200
Warranty	5 years			

Batteries, EMS, BMS, PCS, DC/DC converters are integrated into a single cabinet, supporting grid-connected/off-grid systems.

*In case of any changes to product dimensions and parameters, the latest physical product shall prevail.