

Power Stone

C&I System (On-grid)



Application Scenarios

Platform Capacity increase / Industrial & Commercial Companies / Data Center
Campus Storage / Commercial Buildings Large Industrial / Movable Storage



Efficient and Flexible

LiFePO4 battery storage system, two-layer battery management system, fully digital LCD display, Support multi-machine parallel expandable modules.



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Platform capacity increase, Industrial & Commercial companies, Data centers, Campus storage, Large industrial and commercial buildings, Movable storage.



Safe and Secure

IP54 protection degree outdoor cube, consists of accessories, including air-cooling equipment, lighting, power distribution, fire control, etc.



Efficient Management

Energy management system includes cloud system & local management machine, PCS data collection and other related devices.

Model	186kW/372kWh	200kW/400kWh
DC Side Parameters		
Cell Type	LFP(3.2V 280Ah)	LFP(3.2V 314Ah)
Battery PACK	1P52S/46.592kWh	1P52S/52.249kWh
Battery System	1P416S	
Battery Voltage Range	1123.2V~1497.6V	
Battery System Capacity	372kWh	418kWh
AC Parameters (Grid Connection)		
Rated Power	186kW	210kW
Maximum Output Power	205kW	230kW
Rated Grid Voltage	690V	
Rated Grid Frequency	50Hz	
Factor	-1~+1	
Alternating Current Harmonics (THDi)	<3% (at rated power)	
Access Mode	3P3W	
Full Power Charge/Discharge Transition Time	<30ms	
DC Component	<0.5%In	
Overload Capacity	1.1 times long-term, 1.2 times 1min	
System Parameters		
System Efficiency	≥88%	
Size (W*D*H)	1370*1340*2470mm	
Weight	4.5T	4.6T
Charge-discharge Rate	≤0.5P	
Number of Cycles	> 6000 times @25+2°C 0.5P; EOL 80%	
Relative Humidity is Allowed	0~95% (no condensation)	
Ingress Protection	IP55	
Cooling Method	Liquid Cooled (Battery) + Air Cooled (PCS)	
Communication Interfaces	RS485/LAN	
Communication Protocols	MODBUS-TCP	
Fire Protection System	PACK grade perfluorohexanone fire protection + active warning	
Maximum Operating Altitude	4000m (> 2000m need to be derated)	
Cooling Method	Liquid cooling	
Fire Fighting System	Aerosol	

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