

Power Stone

50kW 100kWh Outdoor Energy Storage All In One



Application Scenarios

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



Efficient and flexible

100kWh LiFePO₄ battery storage system, two-layer Battery Management System, Fully Digital LCD Display.



Excellent quality

50kW storage PCS, wide voltage input range, equipped with systems including grid voltage adjustment, three-phase unbalanced solution, THD control etc.



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 include cloud system+local management machine, realize data collection of PCS and other related devices.

Battery Parameter	
Battery Cell Type	LFP (3.2 V 150 Ah)
Battery System Configuration	1P224S
Battery System Capacity	107.52 kWh
Battery Voltage Range	627.2 V-817.6 V
Battery Cycle Life	6000 Cycles@0.5c, 80% DOD at 25 ° C
AC Parameters	
Rating Voltage	230 / 400 V
Rating Output Power	50 kW
Rating Frequency	50 / 60 Hz
THDu	<3% (Linear Load)
PV Parameters	
Max. Input Power	75000 W
Max. Input Voltage	1000 V
MPPT Voltage Range	180-900 V / 630 V
Starting Voltage	180 V
Max. Input Current	36 A
Max. Short-Circuit Current	42 A
MPPT Channels	4
Number Of Strings Per MPPT Input	2
System Parameter	
System Efficiency	>88%
Size (W*D*H)	1600*1250*2000 mm
Weight	2000 kg
Operation Ambient Temperature	-20 °C ~55 °C
Operation Humidity Range	0 ~ 95%
Work Altitude	<3000 m
Protection Degree	IP54
Anti-Corrosion Degree	C3
Cooling Method	Air Cooling
Fire Suppression System	FM200b