VEICHI



1.2 MW-scale
Energy Storage Power Station

Flexible operation
Multiple working modes for diverse applications

Triple parallel connection
Grid+Battery+Load simultaneous integration

Real-time monitoring
Full online visibility of system performance

Integrated & Portable
High-level integration, quick installation, and easy transportation

Smart BMS & Thermal management
Active balancing + thermal protection for >6000 cycles lifespan

All-in-one delivery
Cost-saving & easy to install

Specifications

Model	1.2MWh
Battery Parameters	
Usable Energy(kWh)	1205
Cell Type	LFP(LiFePO)
Battery Module Capacity(kWh)	16.076
Number of Battery Modules	75
Rated Voltage(V)	768
PV Input Parameters	
Maximum Input Power (kW)	660/660/720
Maximum Input Voltage (V)	1000
MPPT Voltage Range (V)	250~850
Output Parameters	
Rated Output Power(kW)	500
Rated Output Voltage (V)	400 (-15%~15%)
Rated Output Voltage Frequency(Hz)	50/60
Efficiency	
Maximum PCS Efficiency	97.60%
System Efficiency	95.00%
Basic Parameters	
Operating Temperature Range(℃)	-20~+55
Relative Humidity	0~95%
Maximum Operating Altitude(m)	3000
Cooling Method	Air cooling
Human-machine Interface	LED, Bluetooth+App
Communication	CAN, RS485, Ethernet, WIFI, Cellalar, Lan
Weight(kg)	21000
Dimensions (W*D*H mm)	6058×2438×2896
Topology	Isolated
Protection Level	IP55
Certificate	IEC, UN38.3, MSDS
Firefighting System	Aerosol
Installation Method	Floor-mounted