

Liquid-cooling All-in-One PV-ESS

215kWh

Storage capacity

280Ah

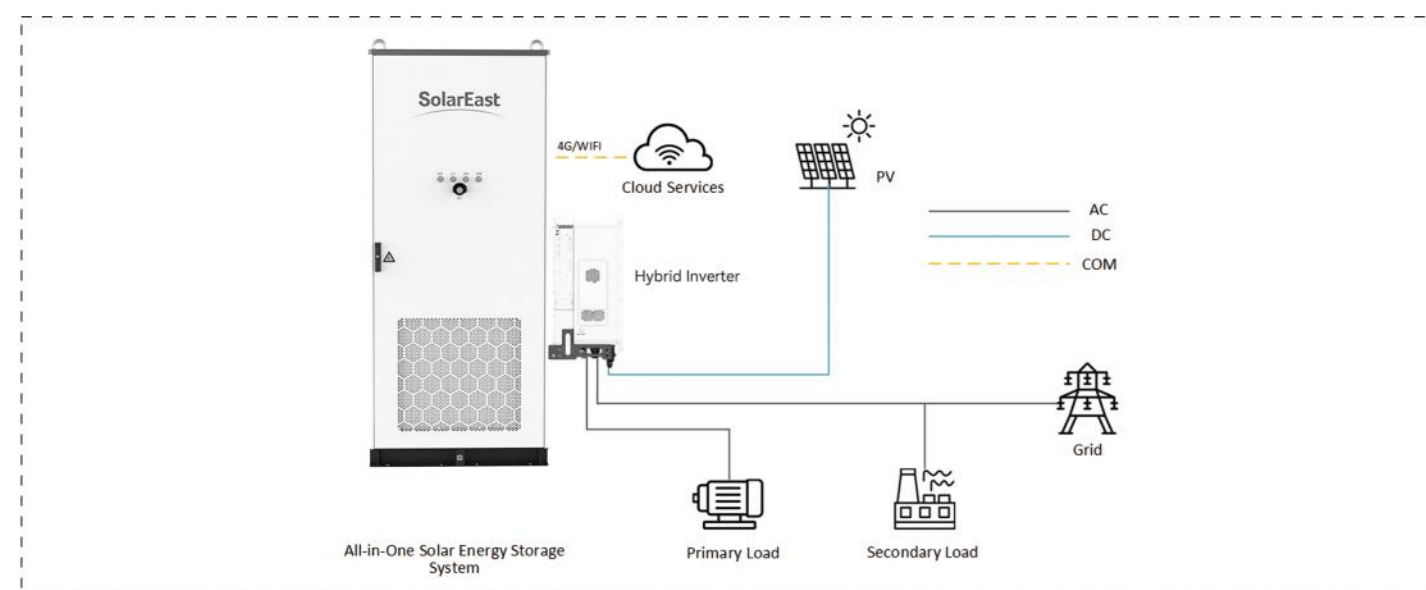
Cell Capacity



Product Features

- Smart PV-Storage-Grid Hybrid System with Synergistic Operation.
- Multi-layer battery protection, grid/backup dual interfaces, uninterrupted high-safety power.
- Supports black start functionality for quick voltage buildup, features multi-string MPPT with independent PV inputs.

Product Application



Providing products as OEM/ODM

Product parameters table

Model	SE215L-100KGC
PV	
Maximum input power	156KW
maximum input voltage	1100V
MPPT operating voltage range/Rated voltage	180-850V/550V
Start Voltage	195V
Maximum input/short circuit current	2×32A/2×40A
MPPT quantity	10
Battery Side	
Cell Specification	LFP 3.2V/280Ah
Battery RACK Configuration	1P240S
System capacity	215.04kWh
Voltage range / Nominal Voltage	648-864V / 768V
Cycle Life	8000Cycles(0.5P,25+2°C,@70%SOH)
Ac grid connection side / Ac off-network side	
Rated Power	100kW
Allowable Grid Voltage Range	400V(-15%~+15%)
Way of Connection	3P+N+PE
Allowable Grid Frequency Range	50/60Hz(45-55Hz,55-65Hz)
Maximum current output	166.7A
System Parameter	
Off-grid switching time	<20ms
Dimension(W*D*H) Including airconditioning and hybrid inverter	1550*1300*2300mm Including Inverter
Weight	2500kg
System Efficiency	≥88%
Environmental Temperature	-20~55°C
Humidity	≤95%
Cooling method	Liquid cooling
Fire safety configuration	Aerosol
Communication Interface	Ethernet/CAN/RS485
Compliant with standards	GB/T 34120,GB/T 36276,UN38.3
Maximum working altitude	2000m

This manual is compiled based on current technical data and strives for accuracy and completeness. We reserve the right to modify product parameters, performance data and other information without prior notice. Product appearance is subject to the actual delivered item.