GreensunSolar

G125K-LE260

Rechargeable Li-ion Battery Storage System

- Cell Balance function
- Voltage Protection
- Over Charge Protection
- Over Discharge Protection
- Over Current Protection
- Short-circuit Protection
- Temperature Protection
- Soft Start Function

Smaller Footprint

Higher energy density benefit from latest LFP technology

Expandable

Module design
Support max 15sets in parallel

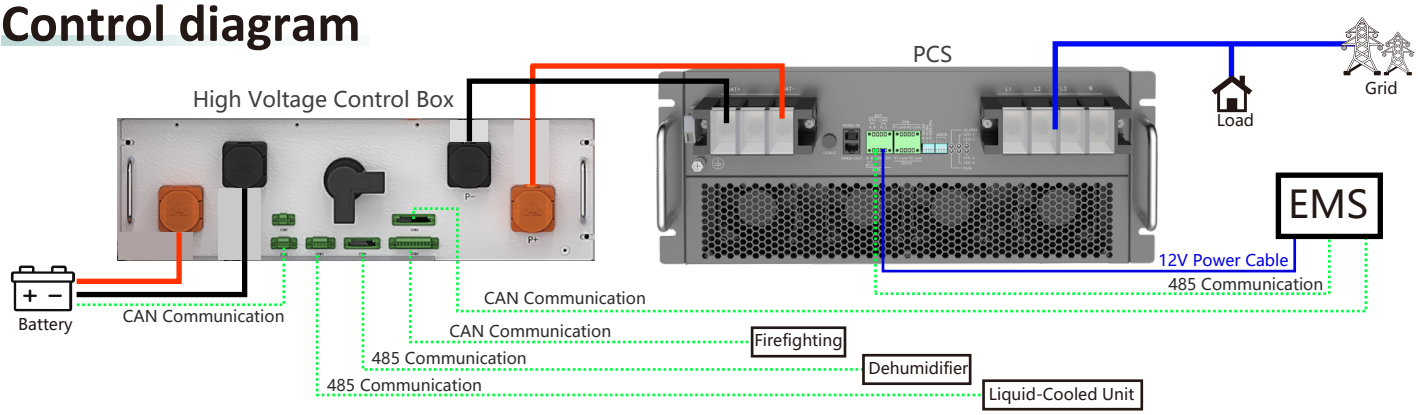
Monitor

Real-time monitoring of battery charging and discharging, online system updates and maintenance

Fire fighting

Lithium Iron Phosphate (LFP) Battery, The battery pack and system adopt an aerosol fire extinguishing solution

Control diagram

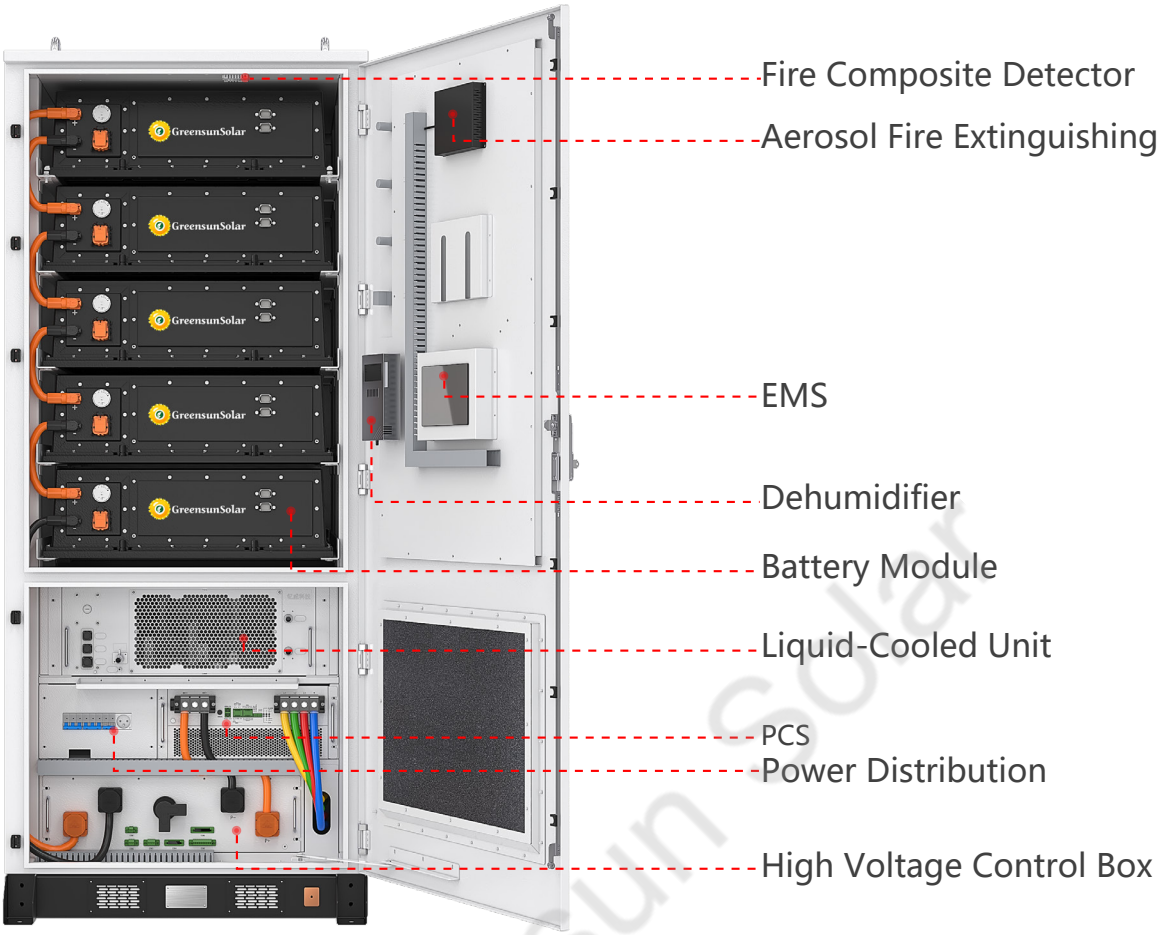


Greensun Solar Energy Tech Co., Limited Web: www.greensunpv.com Email: manager@greensunpv.com V1.0

Technical Data

Model	G125K-LE260
PCS Side(On grid mode)	
Maximum Battery Voltage	950V
Rated Battery Voltage Range	680V-900V
Maximum Battery Current	200A
Rated Power	125KVA
Rated Current	181A
Rated Grid Voltage	400V/230V（-20%~15%）
Grid Frequency Range	50Hz/47Hz~52Hz(60Hz/57Hz~62Hz)
Current THD	<3% (>30% load)
Power Factor	-1~1
Temperature Range	-30~60℃(Derating at 45℃)
Cooling Method	Intelligent Fan Speed Control Air Cooling
Certifications	CE，IEC62477，IEC6100，EN50549
Battery Side	
Battery Type	LFP(LiFeP04)
Nominal Energy	261kWh
Rated Voltage	832V
DC Voltage Range	728~949V
Rated Capacity(Ah)	314Ah
Max Charge/Discharge Current (A)	157A
Battery Module	166.4V 314Ah(52.25kWh)
Battery Module Qty In Series (Optional)	5
Cooling System	Liquid Cooling
System Parameter	
Cabinet Size(W*D*H)	970*1420*2320mm
Weight Approximate (kg)	≤3.2T
Installation Location	Floor-mounted
Protection Class	IP54
Altitude (m)	≤3000
Humidity	5%-95%
Fire Extinguishing	Aerosol
Dehumidifier	Included
Fire Detector	Included
Max.parallel No.	15
Cycle Life	25±2°C, 0.5C/0.5C, EOL70% ≥8000
Certification	CE MSDS UN38.3
Warranty	10Years

Detailed Description

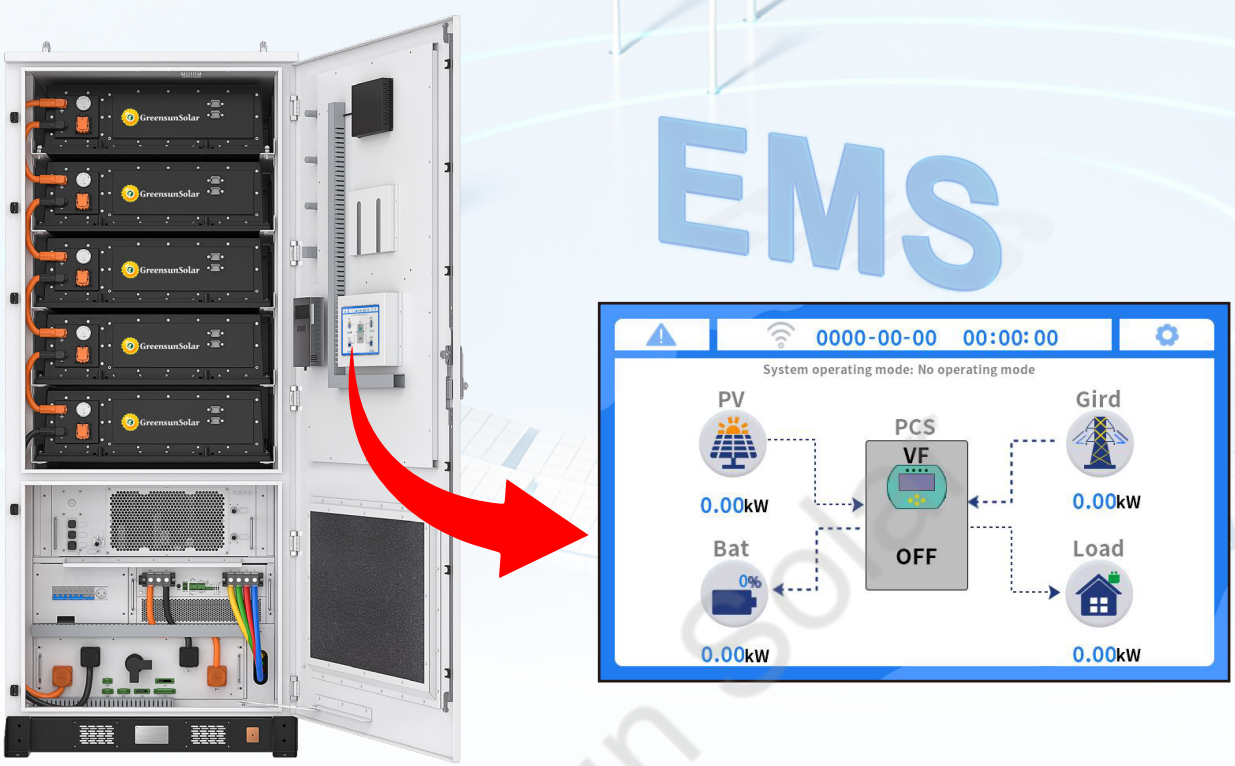


Product Expansion

Support Max 15pcs Parallel Power

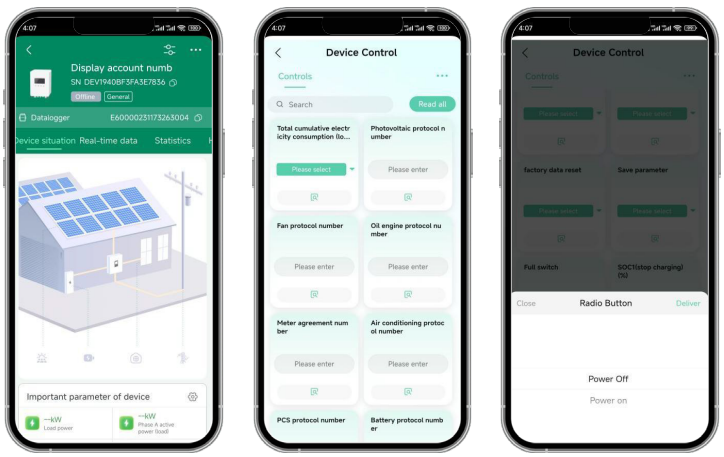
1 2 3 n (Max 15pcs)

All-in-one Energy & Device Management Platform



Energy Storage EMS is the intelligent core and dispatch center of energy storage systems. It integrates real-time monitoring, optimal scheduling, security control and data analysis to coordinate batteries, PCS, PV, loads and grid equipment efficiently.

Mobile phone APP remote control device



PC (web) cloud platform