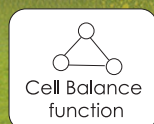


GCB-LE260

Rechargeable Li-ion Battery System



Cell Balance
function



Voltage
Protection



Over Charge
Protection



Over Discharge
Protection



Over Current
Protection



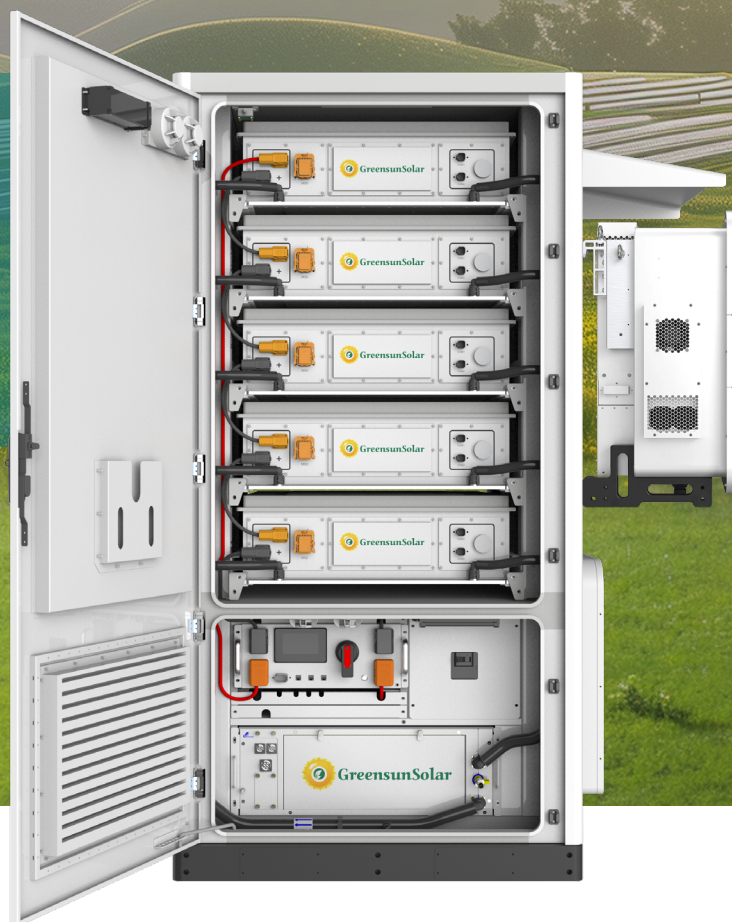
Short-circuit
Protection



Temperature
Protection



Soft Start
Function



Smaller Footprint

higher energy density benefit from latest LFP technology

Expandable

Module design

Support max 10sets 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

Technical Data

Model	GCB-LE260
AC Side	
Rated AC Power	125kW
Rated AC Output Voltage	3/N/PE, 220V /380V, 230V /400V
Rated AC Output Frequency	50Hz /60Hz
Max AC Current	189.9A / 180.4A
Power factor	> 0.99 (0.8 leading - 0.8 lagging)
THDi	< 3%
PV Side	
Recommended max. PV array size	250kW
Max. usable PV input power	250kW
Max. input voltage	1000V
Rated voltage	600V
Start-up voltage	180V
MPPT voltage range	150-950V
Max. input current	10 × 42A
Max. short circuit current	10 × 60A
MPPT number / Max. input strings number	10 / 20
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
System Parameter	
Cabinet size	1200*1400*2105mm
Weight Approximate (kg)	2560kg
Installation Location	Floor-mounted
Protection Class	IP55
Altitude (m)	≤3000
Humidity	5%-95%
Cooling System	Liquid Cooling
Fire extinguishing	Aerosol
Max.parallel No.	10
Cycle Life	25±2°C, 0.5C/0.5C, EOL70% ≥8000
Certification	CE MSDS UN38.3
Warranty	10Year