

Goldencell LiFePO₄ Battery Pack



Enterprise strength



Deeply cultivated in the field of lithium batteries for 15+ years, with a perfect industry layout.



All production lines have passed ISO/IATF certification, and fully automated and high-information production can ensure product quality and stability.



With more than 600 patents, 100+ R & D engineers' team and advanced technical level.



Products certificated by global UL, IEC/CB, CE, RoHS, REACH, UN38.3, etc.



Sufficient production capacity, sustainable and stable supply.



Products are exported to more than 40 countries around the world, widely supplied in Europe and the United States market.

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Specifications :

Items	40kWh LiFePO4 Battery Pack	51.2V80Ah 4KWh LiFePO4 Battery Pack	51.2V100Ah LiFePO4 Battery Pack
Model			
Modules Number	10	—	—
Normal Voltage	51.2V	51.2V	51.2V
Rated Capacity	800Ah(C ₅)	80Ah (C ₅)	100Ah (C ₅)
Min Capacity	770Ah (C ₅)	77Ah(C ₅)	97Ah(C ₅)
Energy	About 40 KWh	About 4 kWh	About 5 kWh
Internal Resistance	—	≤200mΩ	≤200mΩ
Size	About 641mm * 860mm *1224mm	(523±5) mm * (710±5) mm * (88±3) mm	(523±5) mm * (840±5) mm * (88±3) mm
Weight	—	About 40kg	—
Shell material	Metal	Metal	Metal
Charge Voltage	57.6±0.15V	57.6±0.2V	57.6±0.2V
Charge Current	≤160A	≤16A	≤20A
Charging cut-off current	8A~16A	0.8A~1.6A	1A~2A
Discharge Current	≤200A	≤40A	≤50A
Standard Cutoff Voltage	—	About 40.0V	About 40.0V
End of discharge voltage	About 40.0V	—	—
Passive Protection Function	Over charge protection, Over discharge protection, Temperature protection, Balanced function		
Positive	Customization	Orange / Red storage connector	Orange / Red storage connector
Negative	Customization	Black storage connector	Black storage connector
Weak Current Switch	—	Self-locking button switch	—
Communication Port	—	RJ45 Socket	RS485/CAN
Charge Discharge Switch	—	60A circuit breaker	—
Working Temperature	Charge temperature 0°C~45°C, Discharge temperature -20°C~60°C		