



Safe & Reliable

Premium Lithium Iron Phosphate Cell

High Energy Density

Proprietary CTP Technology

Flexible Investment

Scalable from 5.12 to 76.8 kWh

Easy Installation

Ground mounted or Wall mounted

Perfect Compatibility

Compatible with Major PCS Brand



Model	OK-GL 5KWH	OK-GL 5KWH-2	OK-GL 5KWH-3	OK-GL 5KWH-4
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Performance

Nominal Voltage	51.2 Vdc			
Nominal Capacity	100 Ah	200 Ah	300 Ah	400 Ah
Battery Energy	5.12 kWh	10.24 kWh	15.36 kWh	20.48 kWh
CUS	4.6 kWh	9.2 kWh	13.8 kWh	18.4 kWh
Charge Voltage	55.68~56.16 Vdc			
Discharge Voltage	45.6~56.16 Vdc			
Charge Current	50 A	100 A	100 A	100 A
Discharge Current	100 A	100 A	100 A	100 A
Short circuit current	350 A			

Communication

Display	SOC status indicator, LED indicator
Communication	RS232,RS485,CAN

General Specification

Dimension(W*D*H mm)	620 x 145 x 435mm	620 x 145 x 815mm	620 x 145 x 1195mm	620 x 145 x 1575mm
Weight	47kg	91.3kg	135.6kg	180kg
Installation	Ground mounted or wall mounted			
Working Temperature	Charge 0°C ~ 55°C, Discharge -20°C ~ 55°C			
Storage Temperature	≤25°C, 12 months; ≤35°C, 6 months; ≤45°C, 3 months			
Operating / Storage humidity	≤95% RH			
Max Operating Altitude	≤2000m			
IP Rating	IP20			
Cell Technology	LiFePO ₄ ,Lithium Iron Phosphate			
Cycle life	6000 Cycles @ 80% DOD / 25 °C/ 0.5C, 60% EOL			
Scalability	Max 15 batteries in parallel			

Ordering and Deliverable Part

Product ordering part	OK-GL 5KWH Battery OK-GL Base + Power Cable OK-GL Parallel Cable OK-GL Wall Mount
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