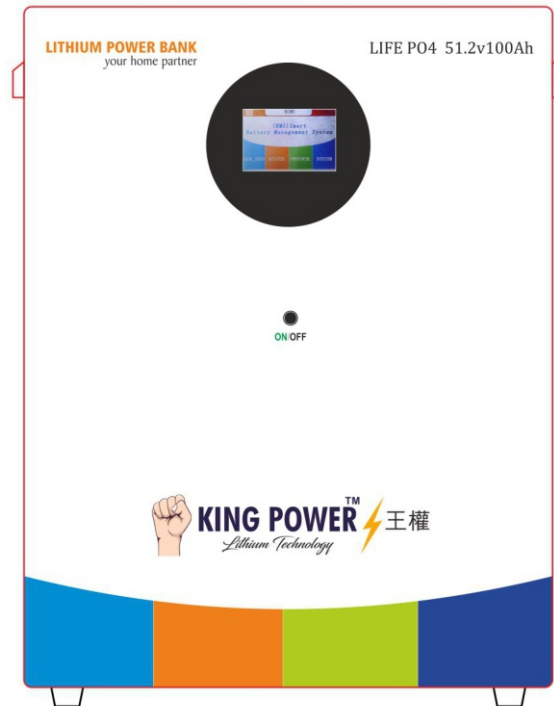


51.2V 100Ah Wall Mounted Lithium Battery



Perfect Compatible

Compatible to Both Residential
Single & Three Phase Inverter



Safe & Reliable

Lithium Iron Phosphate(LFP) cell
CE,ISO9001,UN38.3,FCC



Easy Installation

Fast and simple installation



Smart BMS

Advanced BMS system control
power output smartly and effectively



Flexible Expansion

5kwh modular design,
scalable from 5 to 40 kWh



Long Life and safety

Ensure more than 6000 cycles with
80% DOD

kPL- data sheet



<https://kingpowerlithium.com>
kingpowerlithium@gmail.com

Battery type	LifePO ₄
Battery component	iK16S
Nominal voltage	51.2 V
Operating voltage range	44.2 ~ 57.6 V
Rated capacity	100 ~ 102 Ah
Nominal energy	5.12 kWh
Recommended current	100 A
Max. current	Charge: 100 A, Discharge: 135 A
Peak current	200 A (10s, Upto 35°C)
Life Cycle	>6000+ at 80% DOD
Communication interfaces	CAN / RS485
HMI	Modern touchscreen + Status Light + SOC power indicators
Operation temperature	Charge: 0 ~ 55°C, Discharge: -20 ~ 55°C
Storage temperature	-20 ~ 30°C (12 months), 30 ~ 60°C (6 months)
Single string quantity	16 pcs
Dimension (W x H x D)	335 x 626 x 169 mm
Weight	47.5±1 kg
Installation type	Floor / Wall mounting
Enclosure protection	European Standard
Cooling concept	Natural cooling
Humidity	20 ~ 85% RH (non-condensing)
Altitude	<3000 m
Certification	IEC 62477, IEC 62619, IEC 60730, IEC 63056, IEC 61000, UN38.3
Warranty	5 Years
Compatibility	        and compatible with (Solax LD51 Battery) IP21 & IP65 Solar Inverters

