

51.2V 300Ah New Model 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 wifi
bluetooth 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



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Battery type	LifePO ₄
Battery component	iK16S
Nominal voltage	51.2 V
Operating voltage range	44.2 ~ 57.6 V
Rated capacity	300 ~ 300 Ah
Nominal energy	15. kWh
Recommended current	150 A
Max. current	Charge: 300 A, Discharge: 300 A
Peak current	300 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)	435 x 910 x 209 mm
Weight	117.5±1 kg
Installation type	Floorl mounting
Enclosure protection	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

