



\* Outlook of the product may be subject to change without notice during product improving.

### K Series High Voltage LiFePO4 Batteries 204.8V-768V (Customizable)

- Grade A New Prismatic LiFePO4 Cells
- Scalable up to 15 modules in series of up to **max 241 kWh** energy capacity(of 51.2V 314Ah module)
- Patented BMS with full protection
- Wide compatibility with 20+ leading inverter brands
- Lifespan up to 6000 cycles, 10+ years
- Energy efficiency up to 98%, DOD up to 90%
- Plug and play connectors, no cables between battery modules.

## Specifications

Item	K100-N	K200-N	K314-N
Rated Energy <b>per module</b>	5.12 kWh	10.24 kWh	16.076 kWh
Battery Module	51.2V 100Ah	51.2V 200Ah	51.2V 314Ah
Set Configuration Range	204.8V 100Ah - 768V 100Ah	204.8V 200Ah - 768V 200Ah	204.8V 314Ah - 768V 314Ah
Set Capacity Range	20.48-76.8 KWh	40.96-153.6 KWh	64.3 - 241KWh
Battery Module in Series	4-15 pcs	4-15 pcs	4-15 pcs
Cell Configuration <b>per Module</b>	16S	16S	16S
Cell Type	LiFePO4	LiFePO4	LiFePO4
Rated Voltage	204.8V-768V	204.8V-768V	204.8V-768V
Depth of Discharge (DOD)	90%	90%	90%
Max Charge Current	50A	100A	100A/200A
Max Discharge Current	50A	100A	100A/200A
Max Power Output	38.4KW	76.8KW	153.6KW
Weight <b>per module</b>	45 Kg	80 Kg	119 Kg
Cabinet Dimensions (W × D × H) <b>8 modules per cabinet</b>	580 x 630 x 2180 mm	580 x 810 x 2180 mm	580 x 830 x 2270 mm
Communication	CAN/RS485		
Cycle Life	6000 cycles @0.2C 25°C 80%DOD		
Operating Temperature	Charge: 0~50°C/Discharge: -20~50°C/Storage:-20~45°C		
Humidity	≤90%		
IP Grade	IP21 or IP65		
Operating Altitude	≤2000m		
Protection	Over Temperature, Over Current, Short Circuit, Over-charging, Over-discharging, Low Voltage		
Certification	CE, UN38.3, MSDS		
Warranty	5 Years(10 years optional)		
Compatible Inverters	Quarelex, Deye, Growatt, Luxpower, Solis, Victron, Voltronic, SMA, etc 20+ brands		