



KWH

16 NEXA

LITHIUM-ION ENERGY STORAGE BATTERY

51.2V 314Ah



FEATURES



Ultra-Long Life

Built with LiFePO4 cells, delivering 6000+ reliable charge cycles.



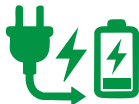
High Safety

Advanced LiFePO4 chemistry ensures safe and stable operation.



OC Modular Design

Modular design allows flexible expansion as per energy needs.



Reliable Backup Power

Provides reliable backup power for uninterrupted home use.



Proven Reliability

Engineered for 6000+ cycles for long-term durability.



Ultimate Performance

Supports 1C charge/discharge for high-demand applications.





Specifications	Details
Model	Nexa (16.07 kWh)
Display	LED Indicator
Installation	Floor Stand
Dimension (H*D*W)	850*236*550 mm
Weight (KG)	125 KG
Cell Technology	Lithium Iron Phosphate, LiFePO4
Cooling Type	Natural
Cell String	16S
Nominal Voltage	51.2 V
Nominal Capacity	314 Ah
Nominal Energy	16.07 kWh
Usable Energy	14.4693 kWh
Operating Voltage Range	44.8 V - 57.6 V
Charge Current	157A
Discharge Current	157A
Expansion	Upto 16 units in parallel, Max 256 kWh
Communication	CAN, RS485
Cycle Life (26°C 0.5C)	≥ 6000 times @90% DOD
Operation Temperature	Charge: 0 ~ 55°C Discharge: -20°C ~ 55°C
Storage Temperature	-20 ~ +35°C
Storage Humidity	≤95% RH, Non-condensation
Altitude (m)	<4000 m
IP Class	IP22
Internal Resistance	<30mΩ

