

KWH
10 NEXA
SMART

LITHIUM-ION
ENERGY STORAGE BATTERY

51.2V 200Ah



FEATURES



Ultra-Long Life

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



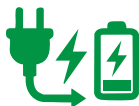
High Safety

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 Smart (10.24 kWh)
Display	5" LED Display, Wifi, Bluetooth
Installation	Floor Stand or Wall Mount
Dimension (H*D*W)	800*195*560 mm
Weight (KG)	95 KG
Cell Technology	Lithium Iron Phosphate, LiFePO4
Cooling Type	Natural
Cell String	16S
Nominal Voltage	51.2 V
Nominal Capacity	200 Ah
Nominal Energy	10.24 kWh
Usable Energy	9.216 kWh
Operating Voltage Range	44.8 V - 57.6 V
Charge Current	100A
Discharge Current	200A
Expansion	Upto 16 units in parallel, Max 160 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)	≤2000 m
IP Class	IP21
Internal Resistance	<30mΩ

