

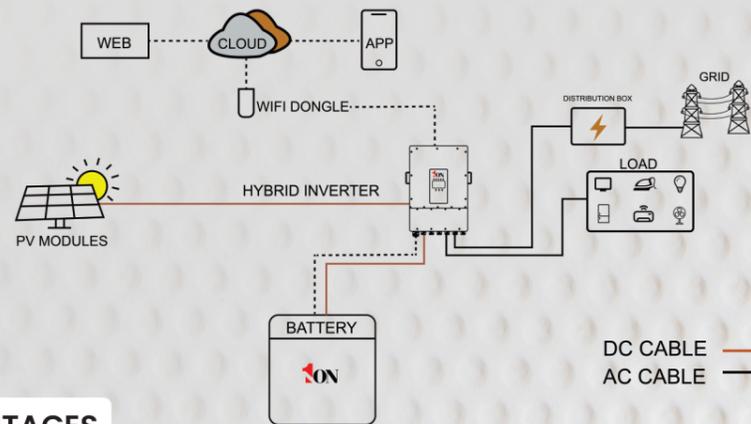


NEXUS 51.2V 300Ah

NEXUS 51.2V 200Ah

NEXUS 51.2V 100Ah

NEXUS 51.2V 100Ah



PRODUCT ADVANTAGES

- Class A LiFePo4 Battery
- Life Cycle 8000+ (80% DOD, 25C)
- BMS Communication
- RS485, RS232, CAN, WIFI & Dry Control
- Colored LCD
- Touch Panel
- High Charging/Discharging Efficiency > 95%
- Compatible with Almost All brands (upto 16 in Parallel)
- Built in 5A Active Balancer
- Soft start function
- Enhanced Safety Factors Using Advanced Hardware & Software Protection

TECHNICAL SPECIFICATION

MODEL	NEXUS 100AH-51.2V	NEXUS 200AH-51.2V	NEXUS 300AH-51.2V
ProductPack	Lithium Ion Battery		
Installation Mode	Wall Mounted / Floor Standing		
Rated Voltage	51.2V		
Rated Capacity	100 Ah	200 Ah	300 Ah
Energy	5.12 kWh	10.24 kWh	15.36 kWh
Cell Brand	SUNWODA 100Ah	SUNWODA 200Ah	SUNWODA 300Ah
Cell Unit	3.2V/100Ah	3.2V/200Ah	3.2V/300Ah
BMS Brand	Daren		
BMS Communication	RS485, RS232, CAN, WIFI		
Configuration	16S1P		
Charge cutoff voltage	58.4V		
Discharge cutoff voltage	44.8V		
Life time (25°C)	15 years		
Life cycles (80% DOD, 25°C)	8000 cycles		
Nominal Charge/ Discharge Current	50A	100A	100A
Maximum Continuous Charge/Discharge Current	100A	150A	200A
Charging efficiency	>95%		
Electricity charged in the shipped	30%~50% SOC		
Operating temperature	Charging: 0~55°C / Discharge: -10~55°C		
Storage temperature	-20~45°C		
Working humidity	10~85%		
Storage humidity	10~85%		
Dimensions (L x W x H)	480*152*465*MM	450*246.5*700MM	450*246*844MM
Weight	About 48kg	About 92kg	About 120kg
Modules Connection	Maximum 16 in Parallel		
Ingress Protection	IP 21		