



PRODUCT FEATURES :

- Large Capacity, High-Strength Metal Shell Lithium Iron Phosphate Battery, Sufficient Capacity
- Charging Equalization function SOC (Battery Current Storage Status), SOH (Battery Current Health Status) Estimation Function
- LED Status Indication Function, LED Real-Time Display SOC Function
- Low Power Consumption, and Has a Variety of Sleep and Wake-up modes
- Adjustable Overcurrent Protection, Short Circuit Protection, Buzzer Alarm
- High Voltage Accuracy (<20mV), High Current Accuracy (<2%@FS), Battery Temperature Detection (<2 C)
- With Parallel Communication Function, RS485 Communication and Host Computer Monitoring Function, and CAN Communication
- With Battery Pack Capacity and Cycle Count Calculation Function

APPLICATION:

- Home Solar System
- UPS/EPS
- Emergency Backup Power Supply
- Communication System
- 5.5G Communication Base Station

LITHIUM BATTERIES

MODEL	NB230512200E	NB300512200H	NB300256200R
Cell Chemical Formula		LifePO4	
Maximum Continuous Discharge Current		100A	
Available Capacity	11776Wh	14336Wh	8038Wh
Rated Voltage		51.2 VDC	25.6VDC
Voltage Range		43.2V – 58.4VDC	21.6V – 29.2VDC
Maximum output power		5120W	
Maximum charging voltage		58.4V ± 0.2VDC	26.2V ± 0.2VDC
Recommended Charging Voltage		57.6V ± 0.2VDC	27.8V ± 0.2VDC
Recommended Charging Current		100A	
No. of Cycles (standard charge and discharge at room temperature)		≥ 5000 (Times)	
Low Power Mood		(work self-depletion) ≤ 50mA, (Low power mode) < 200uA	
Communication		(Standard Configuration) RS232, RS485, CAN	
Battery Discharge Depth (DOD)		≥ 95%	
Modules Connect		1 – 5	
MAX Continuous Charge Current		200A	
MAX Continuous Discharge Current		200A	
Terminal Type		MB	
Display Screen		LED + LCD (LED Light Strip Display + LCD Display)	
Operating Temperature Range		(Discharge): -10°C - + 50°C , (Charge): +0°C - + 60°C	
Storage Temperature		>1 (1 month): 0 – 35°C , ≤ 1 (1 month): -20 – 45°C	
N.W / KG	98.8kg	/	54.5kg
L x W x H (mm)	720*480*320 mm	/	720*480*170 mm