



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 Paralle 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