

NEXUS Series

Lithium Battery

NX-314LFP

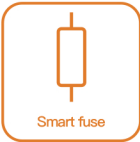




12V 314Ah



LiFePO4 cells



Smart fuse



8000 cycles



Optional LCD Screen



Heater



Bluetooth

- Designed For Caravans/RVs
- With smaller size, lighter weight and larger capacity
 - Built-in heater supports battery charging when cold

- Easy to Expand
- Up to 16 units in parallel, expand to 64.16kWh
 - CAN/RS485 interface, supports RV-C protocol

- Intelligent
- Built-in WiFi and BT, supports to view data via APP
 - With lithium battery 0V activation function

- Safe
- Adopts high safety lithium iron phosphate battery cell
 - Adopts smart fuse, secondary protection

- User-friendly
- Supports optional LCD display to show real-time data
 - Supports direct connection to PC via USB port

- Reliable
- Adopts high power BMS, up to 250A maximum current
 - Excellent heat dissipation with metal casing

MODEL	NX-314LFP
MAIN INFO	
Rated Voltage	12.8V
Rated Capacity	314Ah
Battery Energy	4.01kWh
Battery Type	LFP
Life Cycles (80% DOD, 0.5C, 25℃)	8000 cycles
CHARGE & DISCHARGE	
Max. Charging Voltage	14.4V
Over Discharging Voltage	11.2V
Standard Charging Current	150A
Standard Discharging Current	150A
Max. Charging Current	200A
Max. Discharging Current	200A
Peak Charging Current	250A
Peak Discharging Current	250A
Smart Fuse	270A
GENERAL	
Num. of Parallel	16 units
Weight	31kg (68.34lb)
Dimensions (L*W*H)	410*328*206mm (1.35*1.1*0.68ft)
Communication	CAN / RS485 / RV-C / USB / WiFi / Bluetooth
Storage Condition	6 months @25℃; 3 months @35℃; 1 month @45℃
Charging Temp. Range	0℃~55℃ (32°F~131°F)
Discharging Temp. Range	-10℃~55℃ (14°F~131°F)
Cooling Method	Natural cooling
Protection Degree	IP30
STANDARD	
Transportation	UN38.3,MSDS
Safety	EN55032,EN55024,EN61000-3-2,EN61000-3-3