jntech

Energy Storage Battery Pack

Introduction:

JN household energy storage battery pack uses LiFeO4 which offers significantly lighter weight and longer lifespan with high charge and discharge efficiency.
The outstanding management system and modularization design make it does an excellent work when PV generates electricity is not enough especially at night.

Features:

Smart
- Extend easily.
- Visualization: Monitoring working state, visible battery info.
- Maintenance-free: Auto logout if fault occurred, no influence for user

Modular
- Easy for maintenance
- Convenient installation
- Easy operation
- Module design, can be used in parallel for power extension

Green
High safety LiFePO4 battery:
- Fast charging, excellent power performance
- Long cycle life
- High charge and discharge efficiency

Customization
- German Appearance Design:
- Small volume, light weight
- Home design, elegant appearance

Model	JNB048100H1	JNB048050J1
Charge and discharge		
Rated capacity	100Ah	50Ah
Rated power	5kWh	2.5kWh
Max. extend power	15kWh	15kWh
Battery type	lithium-ion battery	
Max. Charge current	50A	25A
Max. Discharge current	50A	25A
Efficiency	≥98%	
Voltage range	40V-57.6V	
Protection		
Protection class	IP33	
Under voltage protection	Included	
Over voltage protection	Included	
Over current protection	Included	
Temperature protection	Included	
Short-circuit protection	Included	
General info		
Battery pack size (mm)	630*540*135	500*475*130
Working temperature	-10～+45℃	
Storage temperature	-20～+45℃	
Installation way	wall hanging	
Interface	CAN	
Cycling life span	3000（80%DOD)	
Optional color	blue, yellow	Black