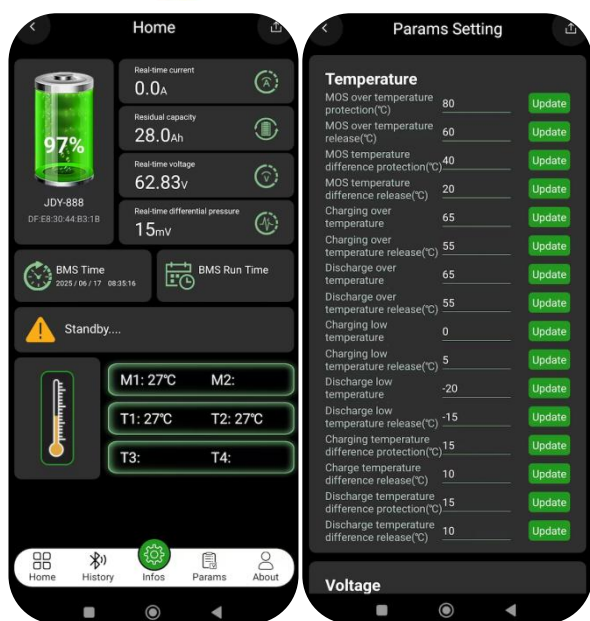




Parallel Connection--2P
Series Connection--NO



Lithium battery advantages :

- 6-year warranty, 10-year long service life
- Maintenance-free, low life cycle cost
- Lithium iron phosphate high stability
- High energy density, no memory effect
- High conversion efficiency, full depth discharge
- Durable modular construction
- Lightweight and compact—easy to install
- Openable lid design, perfect internal structure
- Perfect lead-acid battery replacement

Integrated Battery Management System (BMS)

All-round safety protection, automatically monitoring battery voltage, current, temperature, etc., to prevent risks such as overcharging, over-discharging, overcurrent, and overheating in real time.

Lithium battery charging precautions :

- Recommend to use a dedicated lithium battery charger with constant current/voltage and auto shut-off to avoid trickle or float charging, which can harm battery performance and lifespan.
- It is recommended to charge at 20-30% of the daily mileage and perform a charge and discharge cycle to 100% regularly (such as every six months or when the power level is below about 20%) to balance the batteries and calibrate the power display.

Long-term storage tips:

Charge the battery to 40–60% before storing in a cool, dry place (0–30°C). If unused for a long time, check every 3 months and recharge for 0.5–1 hour to maintain 40–60% level.

INTEGRATED BLUETOOTH 4.0

- The APP supports real-time monitoring of up to 8 batteries.
- Remote monitoring via phone/tablet, easy to use.
- Auto alerts for abnormalities, ensuring safety.
- Helps extend battery life and improve efficiency.
- Monitor key data in real time: SOC, voltage, current, temperature, cycles.

W-36-100

WATTNOVA 38.4V-100AH lithium battery with BT

| | | |
|-------------------------------------|---------------------------------------|--|
| Model | | 38.4V 100Ah with bluetooth |
| Nominal capacity | | 100Ah/3840Wh |
| Dimensions (L*W*H) (mm) | | 522*240*221 (522*240*218 Excluding terminal) |
| Weight(Kg) | | 31.25 Kg |
| Cycle life | | >4000cycles@80%DOD |
| Charging Characteristics | | CCCV/IU |
| Voltage(V) | Rated voltage(V) | 38.4V |
| | Maximum voltage(V) | 43.8V |
| | Minimum voltage(V) | 30V |
| Current(A) | Continuous charging current(A) | 20A |
| | Maximum charging current(A) | 50A |
| | Continuous discharge current(A) | 150A |
| | Maximum discharge current(A) | 300±60A(200~500ms) |
| Operating temperature(°C) | Charging working temperature | 0~55°C |
| | Discharge working temperature | -20~60°C |
| Storage temperature(°C) | | -5~35°C |
| Self-discharge rate/Month | | <3% |
| Heating function | Start heating when charging below 0°C | |
| | Stop heating when heated to 10°C | |
| | Do not heat during discharge | |
| BMS | | Integrated |
| Bluetooth Monitoring | | Bluetooth 4.0 (iOS & Android app) |
| Ingress Protection Ratin(IP) | | IP65 |
| Case Material | | ABS |
| Terminal | | M8 |
| Application/Interconnection | | Only Parallel Connection,<2P |
| Battery cover removable | | Yes |
| Warranty | | 6-year manufacturer's warranty |