# LiFePO4 Battery
## YF-LFP-30kWh

aurora
OPTOELECTRONIC



## Features

- **BMS** — Powerful Battery Manage System
- ≥8000 Cycles
- Connect With More Than 30+ Inverter Brands
- Safe And Long Lifespan
- Flexible And Convenient Installation
- Reliable Performance

# Datasheet

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|---|---|
| Model | YF-LFP-30kWh |
| Battery Type | LiFePO4 |
| Nominal Energy | 30kWh |
| Nominal Capacity | 600Ah |
| Nominal Voltage | 51.2V |
| Operating Voltage | 44.8V~56V |
| Recommend Charge/Discharge Current | 100A |
| Max. continuous charge/Discharge Current | 200A |
| Peak Charge/Discharge Current(@10s) | 210A |
| Parallel | ≤16 PCS |
| Depth Of Discharge(DOD) | 90% |
| Display Type | LCD |
| Protection Level | IP21 |
| Working Temperature Range(Charging) | 0°C ~ +60°C |
| Working Temperature Range(Discharging) | -20°C~ +60°C |
| Storge Temperature Range(One month) | -30°C~ +45°C |
| Storge Temperature Range(Six months) | -20°C~ +35°C |
| Altitude | ≤2000m |
| Communication | CAN/RS485 |
| Cycle Life | ≥8000 Cycles |
| Installation | Floor Mounting(It is movable with casters) |
| Protection | Built-in Smart BMS |
| Warranty Period | 10 years(0.5C Charge/Discharge,@25°C, 80%DOD) |
| Product Dimension | 868*270*1025mm |
| Package Dimension | 930*320*1175mm |
| Product Weight Approximate | 256Kg |
| Package Weight Approximate | 290Kg |

***Test conditions: 0.5C charge/discharge, @25°C, 80% DOD; product specifications are subject to change without prior notice.**