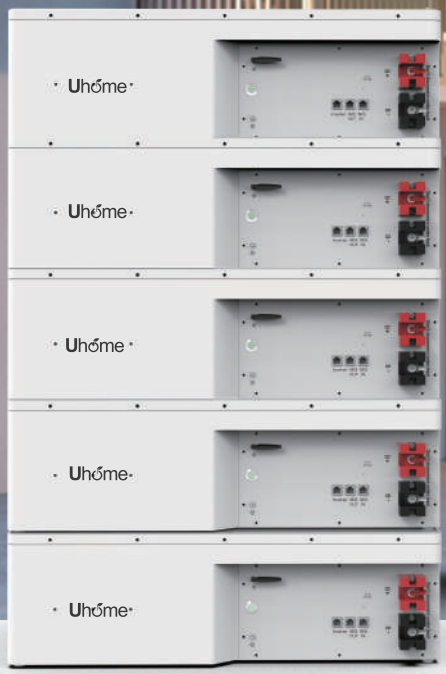
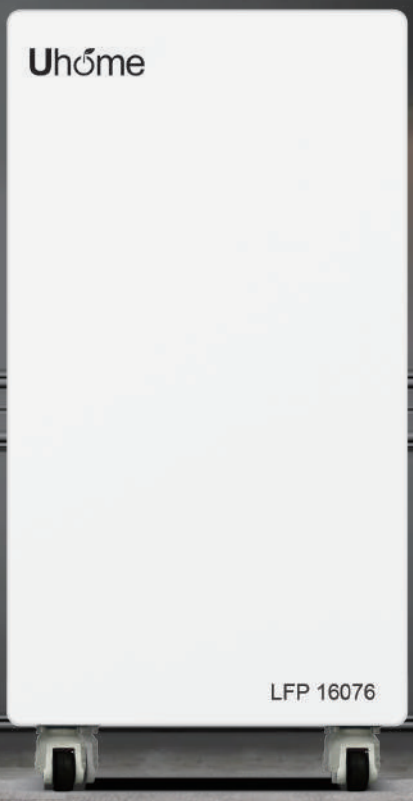
# LFP 16076

## LifePo4 Battery ESS

Rack Mounted




Floor-standing Mounted




## PRODUCT FEATURES

**>6000**
Cycle Life@25°C

**Automatic Wake-up**
Under off-grid System Environment

**Multiple Safety Protection**
Relay, Fuse, DC Breaker

**New&Old Batteries can be used in together**
Connect in Parallel

**Smart BMS**
Intelligent management & maintenance of battery systems

**Remote Monitoring**
Real time monitoring of electricity usage and equipment operation

**Parallel& Series**
Adapting to series or parallel connection

**Voltage Balancing**
Voltage Balancing between Battery Cells&Battery Pack

# Technical Specifications

| Model | | LFP 16076 |
|---|---|---|
| Total Energy* | | 16.076kWh |
| Usable Energy(DC)* | | 14.5kWh |
| Nominal Dis-/Charge Power | | 10.2kW |
| Peak Power(Only Discharge) | | 10.6kW for 3s |
| Voltage | | 48~56Vd.c |
| Nominal Voltage | | 51.2Vd.c |
| Nominal Current | | 200A |
| Max. Charge Voltage | | 57.6Vd.c |
| Weight | | 119kg |
| Dimension(L*W*H) | | 855*450*235 mm |
| Max.Recommended DOD | | 90% |
| Operating Condition | | Indoor |
| Operating Temperature | Charge | From 0~55℃ |
| | Discharge | From -10~55℃ |
| WIFI Frequency Range | | 2.4GMHz |
| Recommended Humidity | | ＜60%(No condensed water) |
| Over Voltage Category | | II |
| Cooling Type | | Natural cooling |
| Case Material | | Metal |
| Color | | White |
| Installation | | Wall mounting/Ground Installation |
| IP Rating | | IP 20 |
| Protective Class | | I |
| Max. Connection Number | | 16P/12S |
| Warranty | | 10 years |
| Communication | | CAN/ RS485 |
| Protection Mode | | Dual hardware protection |
| Battery Protection | | Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature |
| Safety | | Cell UL 1973 |
| | | CE/TUV |
| Hazardous Material Classification | | 9 |
| Transportation | | UN 38.3 |

**Testing conditions based on temperature 25℃ at the beginning of life.**
***Total Energy/Usable Energy measured under specific conditions from Uhome 0.2C CC-CV**