

# Battery Pack

MOON5/10-W  
5/10kWh

NOMINAL CAPACITY  
200Ah

MAX. CONTINUOUS CHARGING/DISCHARGING CURRENT  
100A/150A

MAX. PARALLEL QUANTITIES  
15 PCS

CYCLE LIFE  
≥6000 CYCLES (25°C, 0.5C/0.5C)



## PRODUCT FEATURES

- Max. 0.75C output current
- LCD display and support bluetooth connection
- Up to 15 packs can be parallel connected
- High inverter compatibility
- Safe LiFePO4 rechargeable battery
- High usable energy ratio, less self-consumption

## Technical Data

| Model                                 | MOON5-W                                                        | MOON10-W                                     |
|---------------------------------------|----------------------------------------------------------------|----------------------------------------------|
| Nominal Energy (Wh)                   | 5,120                                                          | 10,240                                       |
| Nominal Capacity (Ah)                 | 100                                                            | 200                                          |
| Nominal Voltage (V)                   | 51.2                                                           |                                              |
| Operation Voltage Range (V)           | 44.8~57.6                                                      |                                              |
| Recommend Charge Current (A)          | 50                                                             | 100                                          |
| Max. Continuous Charge Current (A)    | 50                                                             | 100                                          |
| Recommend Discharge Current (A)       | 50                                                             | 100                                          |
| Max. Continuous Discharge Current (A) | 100                                                            | 150                                          |
| Max. Parallel Quantities (pcs)        | 15                                                             |                                              |
| Operation Temperature                 | Charge Temperature: 0~55°C<br>Discharge Temperature: -20~55°C" |                                              |
| Operation Humidity                    | 20~80%RH (No condensing)                                       |                                              |
| Protection Degree                     | IP21                                                           |                                              |
| Dimension (mm)                        | 415Wx661Hx185D<br>(Without floor mount foot)                   | 600Wx822Hx187.5D<br>(Without ear and handle) |
| Net Weight (kg)                       | 48                                                             | 92.5                                         |
| Installation                          | Wall mounted, floor mounted                                    |                                              |
| Certification                         | IEC62619,CE-EMC, ROHS, UN38.3                                  |                                              |
| Communication                         | CAN, RS485                                                     |                                              |
| Cycle Life                            | 6000±90%DOD, 70%EOL@25°C/0.5C                                  |                                              |