

# HOPE 16.0LM-A1

- Flexible capacity from 16kWh to 768kWh
- Compact size and easy installation
- High energy density and efficiency
- Excellent safety of LiFePO4 battery
- User-Friendly touch screen interface



P O W E R  
- I N G O  
T O M O R R O W

| Datasheet                             | HOPE 16.0LM-A1                |
|---------------------------------------|-------------------------------|
| System data                           |                               |
| Battery type                          | LiFePO4                       |
| Nominal voltage                       | 51.2V                         |
| Normal capacity                       | 16kWh                         |
| Usable capacity                       | 15.3kWh                       |
| Operating voltage                     | 40~58.4V                      |
| Max. Charge/Discharge current         | 150A/200A                     |
| Peak charging/<br>discharging current | 700A/200 us                   |
| DOD                                   | 95%                           |
| General                               |                               |
| Dimension (W/H/D)                     | 440/894/265mm                 |
| Weight                                | 120±2kg                       |
| Installation                          | Floor-standing                |
| Altitude                              | <2000 m                       |
| IP Protection                         | IP20                          |
| Operating temperature                 | Chg: 0~60°C/Dsg: -20 ~ 60°C   |
| Storage temperature*                  | -20 ~ 60°C                    |
| Features                              |                               |
| Cycle life                            | 6000 (0.5C , 80% DOD, @25 °C) |
| Cooling                               | Natural convection            |
| System connection                     | Max. 48 pcs in paralle        |
| Communication port                    | CAN/RS485                     |
| Warranty: 5 years / 10 years          | Yes /Optional                 |
| CE(EMC), UN38.3, MSDS, ROHS, IEC62619 |                               |

\* Suggested storage temperature is -10~35 °C