

GROWATT

HOPE 16.0LM-A2

- 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 O

| Datasheet | | HOPE 16.0LM-A2 |
|---------------------------------------|--|-------------------------------|
| 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/150A |
| Peak charging/ discharging current | | 700A/200 μs |
| 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 ~ 55°C |
| Storage temperature* | | -20 ~ 55°C |
| Features | | |
| Cycle life | | 6000 (0.5C , 80% DOD, @25 °C) |
| Cooling | | Natural convection |
| System connection | | Max. 48 pcs in parallel |
| Communication port | | CAN/RS485 |
| Warranty: 5 years / 10 years | | Yes /Optional |
| | | |
| UN38.3 | | |

* Suggested storage temperature is -10~35 °C