# NSTLV 14.3/16K

- Ground installation.
- Support OEM/ ODM.
- Intelligent BMS management, WIFI module optional.
- Built-in display for easy monitor.
- All-in-one home style, easy to install.
- Excellent service life, 5 years warranty.





## NSTLV-14.3/16K

| Model | NSTLV-14.3K | NSTLV-16K |
|---|---|---|
| **Main Parameter** | | |
| Battery Chemistry | LiFePO4 | LiFePO4 |
| Nominal Capacity (Ah) | 280 | 314 |
| Nominal Voltage (V) | 51.2 | 51.2 |
| Operating Voltage(V) | 46.4~57.6 | 46.4~57.6 |
| Nominal Energy (kWh) | 14.34 | 16.08 |
| Usable Energy (kWh) | 12.90 (90%DOD) | 14.47 (90%DOD) |
| Scalability | Max. 15 pcs pack in parallel | Max. 15 pcs pack in parallel |
| Rated DC Power(kW) | 7.17 | 7.17 |
| Max DC Power(kW) | 10.24 | 10.24 |
| Charge/Discharge Current (A) | Recommend:140 | Recommend:140 |
| | Max:200 | Max:200 |
| **Other Parameter** | | |
| Recommend Depth of Discharge | 90% | 90% |
| Dimension (W/D/H,mm) | 519*204*854 | 519*204*854 |
| Weight Approximate(kg) | 125.3 | 127.3 |
| IP Rating of Enclosure | IP54 | IP54 |
| Operating Temperature | 0℃~60℃ | 0℃~60℃ |
| Storage Temperature | 0℃~35℃ | 0℃~35℃ |
| Humidity | 5%~85% | 5%~85% |
| Altitude | ≤2000m | ≤2000m |
| Cycle Life | ≥10000 times | ≥11000 times |
| Installation | Floor-Mounted | Floor-Mounted |
| Cooling Mode | Natural Cooling | Natural Cooling |
| Communication Port | CAN,RS485，RS232 | CAN,RS485，RS232 |
| Warranty Period | 5+5 years | 5+5 years |
| Certification | UN38.3, CE, ROHS | UN38.3, CE, ROHS, IEC62619 |
| **The current is affected by temperature and SOC** | | |