



More Usable Energy
90% depth of discharge



High Energy
Single cell with 314Ah



High Expansibility
Max 63 batteries in parallel.Scalable
from 16.07kWh to 1012.83kWh



Flexible Installation
Floor stand with wheels



Safe&Reliable
Lithium iron phosphate cel!
Cobalt free



Perfect Compatibility
Compatible with major
inverter brand



| | |
|-------|----------------|
| Model | LVTS-512314-G4 |
|-------|----------------|

| Performance | |
|-----------------------|-----------|
| Nominal Voltage | 51.2 Vdc |
| Nominal Capacity | 314 Ah |
| Battery Energy | 16.07 kWh |
| Charge Current | 150 A |
| Charge Power | 7680 W |
| Discharge Current | 200 A |
| Discharge Power | 10240 W |
| Short Circuit Current | 540 A |

| Communication | |
|------------------|--|
| Display | SOC status indicator, LED indicator, LCD Display |
| Communication | RS232、RS485、CAN |
| Product Features | Automatic sensing fire extinguishing device/Bluetooth/WiFi |

| General Specification | |
|----------------------------|--|
| Dimension (WxDxH mm) | 480x235x874 mm |
| Weight (Kg) | 120 kg |
| Installation | Floor stand |
| Working Temperature | -20°C~55°C |
| Operating/Storage Humidity | ≤95%RH |
| Max Operating Altitude | ≤2000m |
| IP Rating | IP65 |
| Cell Technology | LiFePO ₄ , Lithium Iron Phosphate |
| Cycle life | 8000 Cycles @ 90% DOD/25°C/0.5C |
| Scalability | Max 63 batteries in parallel |
| Warranty | 10 years |

| Ordering and Deliverable Part | |
|-------------------------------|--------------------------------------|
| Product ordering part | LVTS-512314 Battery (Cable included) |