



As the leading vertically integrated manufacturer of lithium iron phosphate battery systems, LINIOTECH has provided various battery solutions for nearly all kinds of ESS applications. Thanks to our self-developed core technology in cells/BMS/system design, LINIOTECH has delivered more than 138+ countries serving 100,000+ users.

[www.linitech.com](http://www.linitech.com)

### ✓ Long life and safety

Vertical industry integration ensures more than 6500 cycles with 80% DoD.  
Safe Lithium iron phosphate battery cell.

### ✓ Intelligent

Each battery with independent BMS system manages power output smartly and effectively.

### ✓ Modularization

Modular design gives the end customers the power of choice of capacity Deliver up to 241.2kWh with single max module (16.08kWh) at 15pcs parallel connection.

### ✓ Easy to install and use

Just plug and play to minimize the installation time and cost. Compact and fashionable design fits in your sweet home environment.

### ✓ Compatibility

Compatible with most of the available Hybrid inverters.

### ✓ Safety Cert

CB IEC62619, CE, UN38.3, MSDS

## Battery Specifications

Model No LNT-W-A16K

### Nominal Parameters

Battery Chemistry LiFePO4

Voltage 51.2V

Capacity 314Ah

Energy 16.08Kwh

Dimension (W/H/D) 450\*859.2\*240mm / 20.6\*33.8\*13.5 in

Weight Approximate 135kgs / 298 lbs

### Basic Parameters

Warranty Period [3] 10 years

Cycle Life  
(25±2°C,0.5C/0.5C,80%EOL) ≥6500

Storage Time / Temperature 5 months @ 25°C; 3 months @ 35°C; 1 month @ 45°C

Operation Temperature -20°C to 60°C @ 60+/-25% Relative Humidity

Storage Temperature 0°C to 45°C @ 60+/-25% Relative Humidity

Certification CB IEC62619, CE, UN38.3, MSDS

IP Rating of Enclosur IP20

### Electrical Parameters

Operation Voltage 46-56Vdc

Max. Charging Voltage 56Vdc

Max. Charging Current 150A

Max. Discharging Current 150A

Max Power 7680W