



### High Performance & Long Life

Delivers over 3500 cycles at 100% Depth of Discharge (DoD), consistent power with low degradation rate

### Environment & Safety Focused

IP65 rated- completely dust-tight and protects against low-pressure water jets from any direction

### Robust & Compact Design

Enclosure: ABS

### Battery Management System (BMS)

8S100A BMS protects against

overcharge, over-discharge, short circuit, temperature spikes



## Technical Data

**Model** NOVA -24V150-PRO

### Main Parameter

|                              |             |         |
|------------------------------|-------------|---------|
| Battery Chemistry            |             | LFP     |
| Capacity (Ah)                |             | 100     |
| Nominal Voltage (V)          |             | 25.6    |
| Operating Voltage (V)        |             | 20-29.2 |
| Nominal Energy (kWh)         |             | 2.56    |
| Usable Energy (kWh)          |             | 2.56    |
| Charge/Discharge Current (A) | Recommended | +50/-50 |
|                              | Max.        | +50/-80 |
|                              | Peak(25°C)  | +50/-80 |

### Other Parameter

|                                      |                                 |
|--------------------------------------|---------------------------------|
| Recommend Depth of Discharge         | 100%                            |
| Dimension (L*W*H, mm)                | 480*170*240                     |
| Weight Approximate(kg)               | 17                              |
| IP Rating of Enclosure               | IP65                            |
| Operating Temperature                | 0-55                            |
| Recommend Operating Temperature (°C) | Charge: 0-55, Discharge: -20-55 |
| Storage Temperature                  | At 50% SOC, 25-45°C             |
| Humidity                             | 90% RH                          |
| Altitude                             | <2000 m                         |
| Cycle Life                           | 3500                            |
| Installation                         | Home UPS/Inverter               |
| Warranty Period                      | 5 Years                         |
| Lifetime energy (kWh)                | 7100                            |
| Compatible UPS/Inverters             | Inverters/UPS <2kVA             |

DC Usable Energy, test conditions: 100% DOD, 0.5C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.

### Description of the battery

The NOVA 24V150-PRO battery is an advanced energy storage product engineered for stable and reliable power supply across 24V UPS and Inverter applications. Its design makes it particularly suitable for scenarios requiring backup, compact installation, reduced structural load, and extended cycle life.