



**TOP STAR**  
**POWER WALL**

## **ABOUT TOPSTAR:**

Top Star is a high-tech enterprise focusing on the research, design, development, production, sales and service of lithium battery energy storage systems. The company's R&D team focuses on BMS and power system integration and provides full-scenario energy storage systems and customised solutions at different voltage levels. The company always adheres to the market demand as the guidance and technical innovation as the driving force.

The company's energy storage products are mainly exported to the European Union, North America, Australia, Japan, Africa and other regions.

The company will continue to focus on the business of high-performance energy storage products, keep close to the needs of global customers, and endeavour to build the company into an industry enterprise.

- High-level safety LiFeP04 battery
- Multiple installation modes (19-inch cabinet/rack/stack)
- High inverter compatibility
- Long cycle life (6000)
- Cell-level intelligent management
- Wall-mounted
- Save installation space



## Technical Parameters

<b>Model</b>	<b>N-51100W</b>
<b>Connection</b>	Terminal Type
<b>Nominal Capacity</b>	5.12KWH
<b>Available Power</b>	4.1KWH (Recommended Discharge) 5.12KWH (Max Discharge)
<b>Charge Voltage</b>	54.0~56.4V
<b>Discharge Voltage</b>	45.0~48.0V
<b>Nominal Voltage</b>	51.2V
<b>Charge/Discharge Current</b>	Recommended Current 50A (0.5C) , Max 100A (1C)
<b>Communication</b>	RS232、CAN&485
<b>Size (W×D×H)</b>	510*523*173 (mm)
<b>Weight</b>	50Kg
<b>Operating Temperature</b>	Recommended Charging Temp. Range: 0~+45°C
	Recommended Discharging Temp. Range: -20~+50°C
	Storage Temp. Range: -20~+35°C
<b>IP Rating</b>	IP20
<b>Installation</b>	wall-mounted
<b>Battery Protection</b>	Over Current/Over Voltage/Short Circuit/Low Voltage/High Temperature Protection
<b>Compatible Inverters</b>	Deye/Goodwe/Growatt/Sofar/voltronic etc. main brands
<b>Certification</b>	UN38.3



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