

World's 1st Battery With

Instantaneous Discharge Of **200A** FOR 10s

5.12kWh

51.2V

100Ah

A+ Grade Quality Cell

Compatible with (SolaX LD51 Battery) IP21 & IP65 Solar Inverters



**Rated IP40**

For Indoor Use Only



**135A**

Constant Discharge at 45°C



**Built-In WiFi**

Access Remotely



**Touch Screen**

User Friendly LED



**Cell Level Monitoring**

Cell-Level Voltage & Temp Tracking



**Temperature Sensitive**

Supports Internal Temp Up To 50°C



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Website

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



## PRODUCT DATASHEET

Battery type	LifePO <sub>4</sub>
Battery component	1P16S
Nominal voltage	51.2 V
Operating voltage range	42.4 ~ 57.6 V
Rated capacity	102 ~ 106 Ah
Nominal energy	5.12 kWh
Recommended current	100 A
Max. current	Charge: 100 A, Discharge: 135 A
Peak current	200 A (10s, Upto 35°C)
Life Cycle	>8000 at 80% DOD
Communication interfaces	CAN / RS485
HMI	3.5 inch LCD touchscreen + Status Light + SOC power indicators
Operation temperature	Charge: 0 ~ 55°C, Discharge: -20 ~ 55°C
Storage temperature	-20 ~ 30°C (12 months), 30 ~ 60°C (6 months)
Single string quantity	16 pcs
Dimension (W x H x D)	335 x 626 x 169 mm
Weight	46±1 kg
Installation type	Wall / Floor / Rack mounting
Enclosure protection	IP40
Cooling concept	Natural cooling
Humidity	20 ~ 85% RH (non-condensing)
Altitude	<3000 m
Certification	IEC 62477, IEC 62619, IEC 60730, IEC 63056, IEC 61000, UN38.3
Warranty	5 Years
Compatibility	 and compatible with (SolaX LD51 Battery) IP21 & IP65 Solar Inverters