LIFEPO4 · 48 V · FLOOR OR WALL

Pro Flow 5 kWh+

A 5.1 kWh lithium iron phosphate battery on casters, on the floor or on a wall: 100 A continuous, a 3.6 inch screen, and up to 16 units in parallel.

5.1 kWh
ENERGY

6,000+
CYCLES AT 80% DOD

5 years
WARRANTY



Floor or wall

Rolls on casters or hangs on a wall; breaker and switch on the side panel.

3.6 inch screen

Voltage, current, temperature and state of charge; set the inverter protocol from it.

Talks to your inverter

CAN or RS485 to the solar inverter, software updates through the RS485 port.

Scales to 16 units

Up to 16 batteries in parallel, linked over RS485 and CAN.

BATTERY

Chemistry	**LiFePO4**
Nominal voltage	**51.2 V**
Nominal capacity	**100 Ah**
Energy	**5,120 Wh**
Cells	**16 in series**

MONITORING AND COMMUNICATION

Display	**3.6 inch LCD, protocol set on screen**
Indicators	**4 LEDs for state of charge, 1 run, 1 alarm**
Communication	**CAN, RS485**
Software updates	**Through the RS485 port**
Parallel operation	**Up to 16 units**

OPERATING PARAMETERS

Voltage range	**44.8 V to 56.8 V**
Charging voltage	**56 ± 0.8 V**
Discharge cut-off voltage	**44.8 V**
Discharging current	**100 A**
Peak discharge (25 °C)	**300 A, 3 s**
Recommended depth of discharge	**80%**

GENERAL

Enclosure	**IP21, indoor installation**
Mounting	**Floor standing or wall**
Design life (25 °C)	**More than 15 years**
Cycle life	**6,000+ cycles at 80% DoD**
Warranty	**5 years**
Maintenance	**Maintenance-free**

CERTIFICATIONS

IEC 62619	safety of industrial lithium batteries
UN38.3	lithium battery transport
CE	European conformity
MSDS	material safety data sheet

Figures at 25 °C. Communication ports can be customized. Specifications may change without notice. Contact Sunwave for pricing, lead times and the latest version of this datasheet.