LIFEPO4 · 48 V · IP65 OUTDOOR

Pro Flow II 15 kWh+

A 15.3 kWh lithium iron phosphate battery sealed to IP65, for walls and floors indoors or outdoors: 200 A continuous, built-in heating, and up to 64 units in parallel.

15.3 kWh
ENERGY

8,000+
CYCLES AT 80% DOD

8 years
WARRANTY



Outdoors, IP65

Sealed against dust and water: on a wall or on the ground, inside or out.

Charges in the cold

Built-in heating warms the cells before a low temperature charge.

Safety built in

Dual on-board fire arrestors, a fire extinguishing module and an emergency stop circuit.

Scales to 64 units

Up to 64 batteries in parallel over RS485 and CAN, 200 A continuous each.

BATTERY

Chemistry	**LiFePO4**
Nominal voltage	**51.2 V**
Nominal capacity	**300 Ah**
Energy	**15.3 kWh**
Cells	**16 in series**
Weight	**142 kg (±0.5 kg)**

OPERATING PARAMETERS

Voltage range	**43.2 V to 57.6 V**
Charging voltage	**56 ± 0.8 V**
Charging current	**100 A max.**
Discharge cut-off voltage	**44.8 V**
Discharging current	**200 A**
Peak discharge (25 °C)	**600 A, 3 s**
Recommended depth of discharge	**80%**
Low temperature charging	**Built-in heating**

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**
Parallel operation	**Up to 64 units in one battery group**
Emergency stop	**Built-in circuit, for an external E-stop button**

GENERAL

Enclosure	**IP65, indoor and outdoor**
Mounting	**Wall or floor**
Fire protection	**Dual fire arrestors, fire extinguishing module**
Design life (25 °C)	**More than 15 years**
Cycle life	**8,000+ cycles at 80% DoD**
Warranty	**8 years**
Maintenance	**Maintenance-free**

CERTIFICATIONS

UL 1973	stationary battery safety
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.