



The better battery

PowerX

The better modularity

5.0 up to 25.0 kWh battery unit
Up to 3 battery units, 75 kWh capacity

The better security

LFP chemistry in unibody design
Peace of mind installation

The better installability

Tool-free click-and-connect system
Pre-assembled plug & play cable for inverter connection

The better flexibility

Upgradable capacity during lifetime
Left and right side connection

Technical data and types

Battery system (Genius box + battery modules)

FIM-BATT-5.0

General specifications

Cell chemistry	Li-Ion LFP
Number of battery modules	1
Total energy	5.0 kWh
Inverter side - DC voltage range	95...1000 V
Battery side - DC voltage range	95...570 V
Battery side - DC nominal voltage	200 V
Deep of discharge (DoD)	90 %
Nominal charge / discharge power	2.0 kW
Max. charge / discharge current	20 A

Environmental

Environmental protection rating	IP65 - battery system / IP21 - battery module
Storage ambient temperature range	-25...+45°C
Operative ambient temperature range in charge	0...+40°C with power derating below 5°C
Operative ambient temperature range - discharge	0...+40°C
Maximum operating altitude without derating	2000 m / 6560 ft

Physical

Cooling	Natural
Dimension (H x W x D)	600 mm x 688 mm x 282 mm
Weight	60 kg

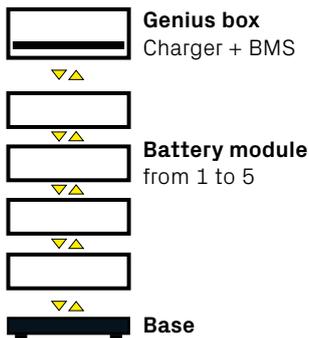
Safety

Marking	CE , cTUVus
Safety	IEC 62619, UL 1973, UN 38.3, IEC 62477 ¹⁾ , UL 9540 ¹⁾

1) in combination with PowerUNO/PowerTRIO

Remarks:

- Designed in Italy
- Features not specifically listed in the present data sheet are not included in the product



33 kg

module weight

2 kW

battery module power

Easy and safe

transportation and
installation

+40 %

time saving
for commissioning



module Tool-free
click-and-connect

360°

spirit level

The better configurations

