



The better battery

PowerX

The better modularity

9.6, 12.8, 16 kWh battery unit
Up to 3 battery units, 48 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

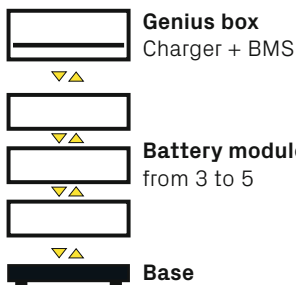
Magnetic front cover in 5 cool colors
Left and right side connection

Technical data and types

Battery sytem (Genius box + battery modules)	FIM-BATT-9.6	FIM-BATT-12.8	FIM-BATT-16.0
General specifications			
Cell chemistry	Li-Ion LFP		
Number of battery modules	3	4	5
Total energy	9.6 kWh	12.8 kWh	16 kWh
Inverter side - DC voltage range	170...1000 V	170...1000 V	170...1000 V
Battery side - DC voltage range	180...216 V	240...288 V	300...360 V
Battery side - DC nominal voltage	192 V	256 V	320 V
Deep of discharge (DoD)	90 %	90 %	90 %
Nominal charge / discharge power	3.8 kW	5.1 kW	6.4 kW
Max. charge / discharge current	20 A	20 A	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)	932 mm x 688 mm x 282 mm	1118 mm x 688 mm x 282 mm	1304mm x 688 mm x 282 mm
Weight	122 kg	155 kg	188 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

Remark. Features not specifically listed in the present data sheet are not included in the product



33 kg

module weight

7 kW

battery power

Easy and safe
transportation and
installation

+40 %

time saving
for commissioning



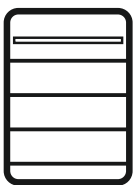
module Tool-free
click-and-connect

360°

spirit level

The better configurations

PowerX
9.6 kWh



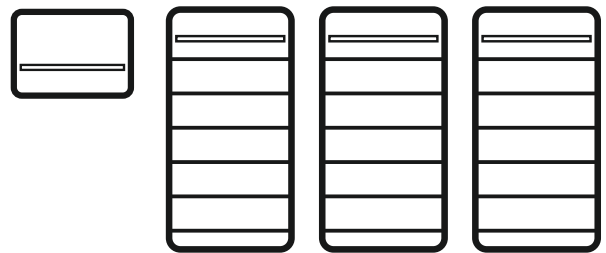
PowerX
12.8 kWh



PowerX
16 kWh



48 kWh system with 3 PowerX



The better style



● Shiny silver



● Beastie black



● Racing red



● Beach blue



● Gorgeous green



Preliminary datasheet

Subject to change without notice. Copyright© 2021 FIMER. All rights reserved.

