



# 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**

Upgradable capacity during lifetime  
Left and right side connection

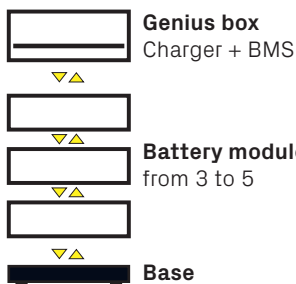
## Technical data and types

Battery sytem (Genius box + battery modules)	FIM-BATT-9.6	FIM-BATT-12.8	FIM-BATT-16.0
<b>General specifications</b>			
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
<b>Environmental</b>			
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		
<b>Physical</b>			
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
<b>Safety</b>			
Marking	CE , cTUVus		
Safety	IEC 62619, UL 1973, UN 38.3, IEC 62477 <sup>1)</sup> , UL 9540 <sup>1)</sup>		

1) in combination with PowerUNO/PowerTRIO

### Remarks:

- Designed and manufactured in Italy
- 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

