POWER REINVENTED.
ALL-NEW

POWER
ALL-NEW

POWER
PowerUNO

Single phase
Battery ready
ARC fault detection
2.0 / 3.3 / 4.0 / 4.6 / 5.0 / 6.0
IEC markets
PowerUNO UL

Single phase
Battery ready
ARC fault detection
3.3 / 3.8 / 4.6 / 5.0 / 6.0
UL markets
PowerTRIO

Three phase
Battery ready
ARC fault detection
4.0 / 5.0 / 6.0 / 7.5 / 8.5
IEC markets
PowerX

Modular HV battery
LFP technology
9.6 to 48 kWh
IEC and UL markets
GO FOR THE BETTER

PowerUNO  
PowerUNO UL  
PowerTRIO  
PowerX
PowerTRIO
the better 3phase
PowerTRIO: the better 3phase

- **Diecast enclosure**
  - Light, robust and beautiful

- **Powder coating**
  - More grip less fingerprints

- **LED strip**
  - Key information at a glance

- **Plug & Play**
  - Less screws, more fun and reliability
<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (kg)</td>
<td>18</td>
</tr>
<tr>
<td>Efficiency (%)</td>
<td>98.2</td>
</tr>
<tr>
<td>Noise level (dB)</td>
<td>&lt;30</td>
</tr>
<tr>
<td>Protection class</td>
<td>65</td>
</tr>
</tbody>
</table>
FIMER: the better blockchain

Blockchain technology allows to store info in distributed ledgers enabling new use cases in the energy sector. Billing, energy trading, grid management and smart grid communities.

Blockchain node requires **high computational power**

**All the power you need**

- **4 core processor**
- **16 Gbyte RAM**
- **128 Gbyte eMMC**

**Highest security with FIMER**
Our customer’s algorithm is hosted in the blockchain board

**All-in with FIMER**
No external device needed, thus doubling down installation time
PowerTRIO: the better installation
PowerTRIO
Plug and play installation

DC Switch as standard
Lockable for safe service activities
PowerTRIO
Plug and play installation

MPPT 1 with two MC4 inputs
High current up to 19.5 A

MPPT 2 with one MC4 input
High current up to 13 A
**FIMER: the better design**

- DC/AC ratio
- Missmatch
- loss
- with east/west on one MPPT

- DC 9kW
  - Inv. 6kW

- No oversize
- 19.5 A
- 13 A
- West
- East
- South

- Patented
  - AFD
  - embedded

- ≤0.25 %
- 200 %
- 0 #
- Missmatch loss with east/west on one MPPT
- DC/AC ratio
- False tripping
PowerTRIO
Plug and play installation

MC4 Battery power connector
Comes with pre-assembled cable
PowerTRIO
Plug and play installation

Hypercap
- Provides ultra-fast access to the smart plug
- Comes with unique push-click connector
- IP65 protected
- 100% Recycled plastic
PowerTRIO
Plug and play installation

Ethernet port
Reliable connectivity with cable length of up to 100m

USB port
Connect 4G / 5G modem

Smart plug
All push-in fast connectors

Coin cell
Easy to replace and ensures 100% stable operation
PowerTRIO
better connectors

Smart plug

• Clear markings to guide the right installation
• RS485 to connect smart meter and wallbox
• DRM0/1/5 for utility interaction
• Load manager relay to connect heatpump via SGReady
• BKP signal to active backup power
PowerTRIO
Plug and play installation

Battery communication
Ultra fast push-click connector

ARC & WiFi button
- Press 5s to enable wifi access point
- Press 10s to restart after ARC fault
PowerTRIO
the better connectors

Power and BMS connectors

- Ultra fast push-click connector
- Preassembled in factory
- Failure proof
- Better safety and better reliability
PowerTRIO
Plug and play installation

Plug & Play wifi antenna
802.11n 300Mbps

AC backup
Ultra fast push-click connector
Can be used without a battery

AC grid
Ultra fast push-click connector
PowerTRIO
the better connectors

AC & Backup connector

- Ultra fast push-click connector
- 4 x faster installation
- 2 x more reliable connection
- 4...6 mm² cable cross section to reduce cable losses
PowerTRIO
Plug and play installation

Plug & Play wifi antenna
802.11n 300Mbps

AC backup
Ultra fast push-click connector

AC grid
Ultra fast push-click connector
PowerTRIO
Plug and play installation

Heat sink
Passive cooling for super silent operation
PowerTRIO: the better installation
PowerTRIO: the better balance
PowerTRIO: the better balance
PowerTRIO: the better balance
PowerTRIO: the better 3phase

One size for all
From 4 kW to 8.5 kW

-40%
installation time

no tools for
commissioning

X2 faster
switching frequency

24/7
Commissioning and
monitoring

100 %
unbalance load
backup

patented
ARC fault detection

+55%
CPU performance

Connected with home

Blockchain ready

leading
connectivity

-20 dBA
noise reduction

Built-in Ethernet
and Wi-Fi

Press-fit inverter power
module

100%
PowerX
the better battery
PowerX: the better modularity

Genius Box

Battery module

Base
PowerX: the better modularity

9.6 kWh
PowerX: the better modularity

9.6 kWh

12.8 kWh
PowerX: the better modularity

9.6 kWh

12.8 kWh

16 kWh

130 cm
Height for small footprint
PowerX: the better modularity

16 kWh  16 kWh  16 kWh

48 kWh
capacity
PowerX: the better modularity

1.152 kWh
Scale up to 3 battery blocks per inverter

204 kW
Scale up to 24 inverter
PowerX: the better system

- PowerUNO
- PowerX
- PVS-33
- RS485
- ethernet
- PowerTRIO
- Home loads
- Fimer Meter
- Utility meter
PowerX: the better AC coupling
PowerX GENIUS BOX
PowerX GENIUS BOX: the better BMS & charger
PowerX GENIUS BOX: the better BMS & charger

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>7 kW</td>
</tr>
<tr>
<td>Efficiency</td>
<td>99%</td>
</tr>
<tr>
<td>Weight</td>
<td>18 kg</td>
</tr>
<tr>
<td>Communication</td>
<td>6 LED</td>
</tr>
</tbody>
</table>
PowerX: the better battery module

3.2 kWh
Energy

33 kg
Weight
PowerX: the better details

- Centering pin
- Handling grip
- Tool-free click-and-connect
- Fixing screw
- Magnetic fix
PowerX: the better balance

360 degree
Spirit level integrated

100%
Height adjustable
PowerX: the better backup

- Unbalanced loads in off-grid mode: 100%
- Switching time: <2 seconds
- PowerUNO max backup power: 5 kW
- PowerTRIO max backup power: 8.5 kW
PowerX: the better backup

Blackstart
Can create its own grid at anytime
The better style
Make it your style
Make it your style
Make it your style

Shiny silver
Beastie black
Racing red
Beach blue
Gorgeous green

+5
Cool colors
PowerX: the better battery

- 33 kg Module weight
- -40% installation time
- No specific tools for commissioning
- Easy and safe transportation and installation
- Up to 48 kWh Side by side installation
- 100% safe LFP chemistry from TIER 1
- Plug & Play All in the box
- 100% safe LFP chemistry from TIER 1
- Multiples colors
- 360° Spirit level
- Complete silent
- Tool-free click-and-connect system
- 9.6 kWh
- 12.8 kWh
- 16 kWh
- 7 kW Backup power
- 100%
FIMER: the better sustainability

99% Paper packaging

100% Recycled plastic

1 tree Planted for every unit sold
WE ARE FIMER
WE CHANGE THE WORLD
LET´S ACT
QUESTIONS & ANSWERS