



## **PRESS RELEASE**

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### **FIMER IS OFF TO A NEW START WITH THE MCLAREN APPLIED GROUP AND ANNOUNCES ITS PARTICIPATION AT KEY - THE ENERGY TRANSITION EXPO**

FIMER, manufacturer of renewable energy solutions and recently acquired by **MA Solar Italy**, affiliated of the **McLaren Applied** group, confirms participation in the **2025** edition of **KEY - The Energy Transition Expo** in Rimini, the event dedicated to technologies, services and integrated solutions for energy efficiency and renewable energy.

The choice to participate in this highly relevant event for the Italian photovoltaic market and beyond comes at a turning point for FIMER. Indeed, the takeover of a new ownership and substantial investments have allowed the company to return fully operational. Further future investments **of over 50 million euros** will allow FIMER to achieve a renewed financial solidity and focus on the development of new products.

KEY represents a unique opportunity for FIMER to showcase its latest technologies for the photovoltaic market. Among the same, the **Power platform**, including single-phase and three-phase inverters with a storage system for the residential segment, deserves to be mentioned, as well as the **new high-power three-phase inverter PVS-75/125** and the line of inverters **PVS-10/33** which are designed for C&I projects.

**Come and discover them all in Rimini at our Booth 421 in Pavilion D3.**

#### **Power platform: PowerUNO, PowerTRIO and PowerX**

The FIMER residential solutions portfolio offers a wide range of innovative string inverters and versatile solutions for energy storage that guarantee the maximization of self-consumption. In particular, the new Power platform includes a single-phase inverter, **PowerUNO**, a three-phase inverter, **PowerTRIO** and a modular storage system, **PowerX**.

**PowerUNO** and **PowerTRIO** represent the new generation of hybrid, single-phase and three-phase inverters. They are available in a wide range of power sizes, from 2 to 6 kW for single-phase and from 4 to 10 kW for three-phase, allowing the needs of projects of any size to be met, whether they are new installations or revamping. The two 16 A MPPTs guarantee maximum compatibility with most photovoltaic modules and optimize the use of energy from the solar panels. Installation is considerably simplified thanks to the Plug&Play connections accessible from the outside and the presence of a single output intended for both standard operating conditions and backup situations. Finally, integrated connectivity allows real-time monitoring, offering complete control over the system's performance.

**PowerX** is a response to the growing demand for storage systems. Designed with minimal dimensions, it allows for quick and easy installation. This modular battery system offers the possibility to expand the storage capacity at any time. Each PowerX system allows the installation of three 5 kWh battery modules, for a total of 15 kWh. Furthermore, it is possible to connect two systems together, thus reaching a maximum of 30 kWh, a notable flexibility that satisfies every energy storage need.

**PowerUNO and PowerX are already available on the market and can be ordered.** PowerTRIO is under certification and will be released soon.



Main features of **PowerUNO** and **PowerTRIO**:

- Hybrid inverters, installation on the DC or AC side
- Compact design
- Small and light, but robust and powerful
- Wide range of power sizes (from 2,0 kW to 10 kW)
- Backup capacity respectively of up to 6 kW and 10 kW
- External Plug&Play connections (no need to open the front cover)
- Built-in communication devices: Wi-Fi, Ethernet, USB
- Conversion efficiency +98%
- Super quiet, with noise level below 40 dBA
- Free remote monitoring through the “Energy Viewer” App
- Built-in arc fault detection system (AFCI)

Main features of **PowerX**:

- Preassembled Plug&Play cable for the connection to the inverter
- Up to 3 battery modules per system for a capacity of 15 kWh
- Up to two systems can be connected for a total of 30 kWh
- Maximum load/unload power 5 kW
- Lightweight. Allows an easy handling, transportation and maintenance
- Possibility to add an energy storage system anytime
- LFP (Lithium-iron-phosphate)

### **PVS-75/125: the new battery ready three-phase inverter**

With three power sizes (75 kW, 100 kW and 125 kW) and up to 12 MPPTs, which can be paralleled according to project needs, this battery ready inverter is designed to offer an innovative and flexible solar solution for commercial & industrial applications. Particularly compact and light and designed to allow rapid installation and easy maintenance, this new solution by FIMER represents an important step in the path that the company is taking to conquer the market through innovation, research and the quality of **Made in Italy** products.

Main features of the new **PVS-75/125**:

- Battery ready
- Fuse-free design
- Optimized weight and volume
- Quick to install, easy to maintain
- 24/7 remote monitoring
- Real-time I-V curve available

### **PVS-10/33 range: three-phase string inverters offering maximum flexibility**

When visiting the FIMER booth, do not miss the three-phase string inverter solutions PVS-10/15 and PVS-20/33, designed to meet the needs of C&I projects. These inverters, available in different power sizes, respectively from 10 kW to 15 kW and from 20 kW to 33 kW, stand out for their ability to optimize construction and operating costs.

Thanks to their versatility, these solutions are suitable for any type of application, both for new and existing systems, with low installation and maintenance costs. Quick installation and commissioning, as well as simplified maintenance with a fuseless design, are just some of the distinguishing features of these products.

The advanced integrated communication features ensure flawless interoperability with new digital technologies, while the integrated Wi-Fi/Ethernet connectivity allows the creation of networks flexible based on TCP/IP at low costs. Furthermore, the ease of replacement of any network device allows for easy and convenient management of the infrastructure.



In the context of retrofitting, this range of inverters stands out for its remarkable flexibility in adapting to existing photovoltaic field configurations, offering tailor-made solutions for each project.

Main features of **PVS-10/33**:

- Compact inverters suitable for vertical and horizontal installation
- Fuse free design
- Maximum string voltage 1100 Vdc
- Compatible with bifacial photovoltaic modules
- Integrated Export Limitation function
- Single string current monitoring
- Arc fault detection system (optional)
- 10% additional power available with temperatures up to 30°C (PVS-20/33)
- PID recovery function (optional)

See you at **KEY - The Energy Transition Expo** in Rimini, from 5 to 7 March 2025. The FIMER Team is eager to meet you at **Pavilion D3 / Booth 421**.

### About FIMER

**FIMER** is a brand owned by **MA Solar Italy**, affiliated of the **McLaren Applied group** and one of the main global manufacturers of renewable energy solutions. The Company, specializing in the production of solar inverters, offers a wide range of solutions for any application. With local training centers and two production sites, one in Italy and one in India, FIMER is close to its customers in the ever-evolving dynamics of the energy sector.

For further details visit our website [www.fimer.com](http://www.fimer.com) and follow us on our social media channels:



### For more information:

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### About McLaren Applied

Over three decades in F1 and other cutting-edge motorsport has given **McLaren Applied** world-leading expertise in electrification, connectivity, control and analytics. This expertise is applied to the motorsport, automotive, transport and mining sectors, delivering technologies with real-world benefits at scale. Our peoples' expertise coupled with our technology and agility is pioneering a more sustainable, intelligent and connected future. Learn more at <https://www.mclarenapplied.com>