



FIMER

AUSTRALIA & NEW ZEALAND

Find the perfect
FIMER solution for
your home

Contact us today for pricing

SuperGreen
Solutions
Energy Efficient Products

Our residential range

FIMER offers a range of residential solution. Our portfolio includes single-phase and small three-phase string inverters as well as energy storage and electric vehicle charging solutions.



UNO-DM-PLUS-Q Range

The UNO single-phase inverter has power ratings from 2.0 to 6.0 kW and is ideal for residential installations.



REACT 2 Hybrid Inverter & Battery

Start with the hybrid inverter, and then add up to three 4kWh battery modules to provide energy day and night.



PVS-10/15 Range

The PVS-10/15 is FIMER's newest three-phase inverter, offering performance, flexibility and safety for homes.



The FLEXA AC Wallbox

A wall-mounted charging device for electric vehicles and has been designed for ease of use, safety and efficiency.



FIMER's monitoring solution - Energy Viewer

FIMER's Energy Viewer enables you to keep track of your systems production and consumption* data anytime, anywhere. The app allows homeowners to remotely monitor their system's energy flows and performance, with or without an energy storage system installed.

Energy Viewer is free of charge.

* A smart energy meter is required for consumption monitoring



Why choose FIMER?

1942

Established in 1942



4th Largest inverter manufacturer



Residential products are made in Italy



Products are packed with features



Backed by strong local warranties



Local support when you need it



Free monitoring of your energy system



What matters to us

Quality matters.

We design our inverters, batteries and EV Chargers with quality in mind.

Our products are manufactured in Italy, utilising quality components and then rigorously tested in our research & development labs to ensure they are built to withstand climates from Australia to Antarctica. We then back that up with a strong warranty you can count on.

Performance matters.

Every FIMER product has industry-leading technology to ensure your solar system's performance is as efficient as possible.

All our inverters include FIMER PowerGain Technology to ensure optimal generation even in shading.

Value matters.

Premium quality for less. That's FIMER.

Our inverters offer premium European quality, plus all the features you need at a value for money price.



The UNO

UNO-DM-PLUS-Q: Single-Phase Inverter

This inverter range provides the ultimate value to homeowners. A quality European product, packed with technology and flexibility, plus backed by a strong 10-year warranty.

One size fits all

The design wraps FIMER's quality and engineering into a lightweight and compact package thanks to technological choices optimised for installations with different orientation.

All power ratings share the same overall volume, allowing higher performance in a minimum space and available with single and dual Maximum Power Point Trackers.

Easy to install, fast to commission

The presence of Plug and Play connectors, both on the DC and AC side and wireless communication enables a simple, fast and safe installation without opening the front cover of the inverter.

The easy commissioning routine removes the need for a long configuration process, resulting in lower installation time and costs.

Improved user experience enables access to features such as advanced inverter configuration settings, dynamic feed-in control and load manager from any WLAN enabled device.

Smart capabilities

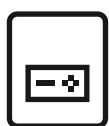
The embedded logging capabilities and direct transferring of the data to the Internet (via Wi-Fi or optionally Ethernet) allow customers to enjoy the whole Aurora Vision / Energy Viewer remote monitoring experience.

The advanced communication interfaces (Wi-Fi, Ethernet, RS485) combined with an efficient Modbus (RTU/TCP) communication protocol, Sunspec compliant, allow the inverter to be easily integrated within any smart environment and with third-party monitoring and control systems.

A complete set of control functions enables dynamic control of the feed-in (i.e. export limitation), perfect for Australia and New Zealand.

Highlights

- Built-in Wi-fi
- Built-in DC Isolator (except 2.0kW model)
- Maximum efficiency of +97%
- Dynamic feed-in control
- Remote firmware upgrade for inverter & components
- Modbus TCP/RTU Sunspec compliant
- Lifetime free of charge access to Aurora Vision
- Even with minimal shading, get optimal energy generation with FIMER's PowerGain Technology.



UNO-DM-PLUS-Q Series

SINGLE-PHASE INVERTER



Inverter features



IP65

INSTALL INSIDE OR OUTSIDE



POWERGAIN

OPTIMISE ENERGY GENERATION



10 YEARS

WARRANTY



WIFI

BUILT-IN



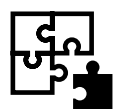
TRANSFORMER LESS

ISOLATION LEVEL



NATURAL

COOLING



ETHERNET, RS485 ADVANCED COMMS

UNO COM-KIT NEEDED (OPTIONAL)



553 x 418 x 175MM

DIMENSIONS



15-20KGS

WEIGHT



DC-ISOLATOR

BUILT-IN

For all models higher than 2.0 kW



FREE

MONITORING



WALL BRACKET

MOUNTING SYSTEM

Inverter stats

	RATED AC POWER	# OF INDEPENDENT MPPTs	# OF DC INPUTS PER MPPT	MAXIMUM EFFICIENCY
UNO-DM-2.0	2.0 kW	1	1	96.7%
UNO-DM-3.3	3.3 kW	2	1	97.0%
UNO-DM-4.0	4.0 kW	2	1	97.0%
UNO-DM-4.6	4.6 kW	2	1	97.0%
UNO-DM-5.0	5.0 kW	2	1	97.4%
UNO-DM-6.0	6.0 kW	2	2 on channel 1 1 on channel 2	97.4%

Complete technical specifications available online.



The REACT 2

Single-Phase Hybrid Inverter & Energy Storage Solution

This integrated hybrid inverter and battery solution is the perfect choice for homeowners looking at getting a solar & battery system.

Expandable battery capacity

Providing a fully flexible solution, the REACT 2 offers a wide storage capacity, which **can be expanded from 4 to 12 kWh**, depending on the number of batteries used, and can **achieve up to 90 percent energy self-reliance**.

Install just the hybrid inverter, or install up to three battery modules - all at once or over a period of time.

One manufacturer for an easy installation

This system has been designed and built to work as one. By choosing to install a REACT 2, the installation and commissioning is simple and easy.

Peace of mind when the grid goes down

Not all hybrid inverters and battery solutions are the same. With the REACT 2, get peace of mind if the energy grid temporarily goes down.

Continue to power your home and charge your batteries during the day and at night, power parts of your home using your battery system.

For new and retrofit installations

Thanks to the possibility of both AC and DC side connection, REACT 2 is the ideal solution for new systems or the retrofitting of existing ones, allowing homeowners to improve their energy self-consumption and save on their energy bills.

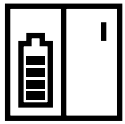
Advanced connectivity

With a smart energy meter installed, you can have complete visibility of your energy consumption data through FIMER's dedicated Energy Viewer App for free.

If you have a fully integrated smart home, you can connect your REACT 2 system using advanced communication features and load management capabilities.

System highlights

- Li-ion battery utilising cylindrical cell storage
- Battery units can be added at anytime
- Back-up mode available for temporary black-outs
- System monitoring through a dedicated mobile app
- Modbus TCP/RTU Sunspec compliant
- One of the industry's highest energy efficiency rates, providing up to 10% more energy than lower voltage battery systems.



REACT 2

SINGLE-PHASE HYBRID INVERTER & ENERGY STORAGE SOLUTION



System features

Hybrid Inverter	Battery	Combined
IP65 INSTALL INSIDE OR OUTSIDE	IP54 INSTALL INSIDE OR OUTSIDE	CE MARKINGS
WI-FI, 2 x ETHERNET, RS485 & MORE ADVANCED COMMUNICATION	BACK-UP POWER POWER YOUR HOME DAY OR NIGHT WITH TEMPORARY GRID LOSS	NATURAL COOLING
POWERGAIN OPTIMISE ENERGY GENERATION	YES AC & DC COUPLING	FREE MONITORING
<22KGS WEIGHT	<50KGS WEIGHT	WALL BRACKET MOUNTING SYSTEM
10 YEARS WARRANTY	5 + 5 YEARS WARRANTY	740 x 490 x 229 MM DIMENSIONS
BUILT-IN DC-ISOLATOR	YES SA & VIC HOME BATTERY SCHEME	YES BATTERY READY

Hybrid inverter stats

	RATED AC POWER	SUGGESTED MAX. DC INPUT POWER	# OF INDEPENDENT MPPTs	# OF DC INPUTS PER MPPT
REACT 2 - 3.6	3.6 kW	6666 kW	2	2
REACT 2 - 5.0	5.0 kW	8000 kW	2	2

Battery stats

	CAPACITY	POWER	DC VOLTAGE	MODULE VOLTAGE
REACT 2 - BATT	4 kWh	2.0 kW	170 - 575 V	200 V

Complete technical specifications available online.



The PVS-10/15

Three-Phase Inverter

The PVS-10/12.5/15-TL is the new FIMER three-phase solution and is ideal for three-phase homes as it offers the latest inverter technology in a sleek, compact design.

Maximum flexibility and integration

The input voltage range and connection systems guarantee inverter flexibility and make it suitable for new and existing installations.

Easy to install, low maintenance

The compact design of the product allows savings on installation costs. The installation is quick and easy, without the need to open the front cover.

Moreover, being fuse-free, this inverter guarantees further savings on maintenance costs and time, reducing on-site interventions to a minimum.

Smart capabilities

The single string current monitoring allows to keep the status of the PV generator under control and to detect potential faults in real-time.

The built-in FIMER Export Limitation solution allows complying with any power export constraints established by utilities without any additional devices.

Highlights

- Designed and manufactured in Italy
- It can be installed inside or outside
- Built-in Wi-fi
- Built-in DC Isolator for extra safety
- Maximum efficiency of 98.5%
- Maximum string voltage 1,100 Vdc
- Even with minimal shading, get optimal energy generation with FIMER's PowerGain Technology.
- 2 MPPT's for flexible solar designs
- Integrated Export Limitation function
- Single string current monitoring



PVS-10/12.5/15-TL

THREE-PHASE INVERTER



Inverter features



IP65

INSTALL INSIDE OR OUTSIDE



POWERGAIN

OPTIMISE ENERGY GENERATION



UP TO

10 YEARS

WARRANTY



WIFI, ETHERNET, RS485 & MORE

ADVANCED COMMS



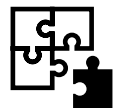
TRANSFORMER LESS

ISOLATION LEVEL



NATURAL

COOLING



DOUBLE-STAGE TOPOLOGY

EXTRA POWER BUILT-IN



566 x 470 x 207MM

DIMENSIONS



30 KGS

WEIGHT



DC-ISOLATOR

BUILT-IN



FREE

MONITORING



WALL BRACKET

MOUNTING SYSTEM

Inverter stats

	RATED AC POWER	# OF INDEPENDENT MPPTs	# OF DC INPUTS PER MPPT	MAXIMUM EFFICIENCY
PVS-10-TL	10.0 kW	2	2	98.4%
PVS-12.5-TL	12.5 kW	2	2	98.5%
PVS-15-TL	15.0 kW	2	2	98.5%

Complete technical specifications available online.



The FLEXA AC Wallbox

Electric Car Charger for the home

The AC Wallbox is a wall-mounted charging device for electric vehicles. It's specifically designed for residential applications with safety, efficiency and user-friendliness in mind.

There are three versions of the FLEXA AC Wallbox:

- **Stand Alone** - Basic charging functionality
- **Future Net** - Smart communications and load management
- **Inverter Net** - Smart communications, load management, can connect with FIMER REACT 2

Stand Alone

The Stand Alone version comes with basic features that guarantee easy use at an affordable price.

Its functionalities are limited to interaction with the electric vehicle, activating its charging process and ensuring its safe operation.

Future Net

The Future Net version includes great connectivity features that enable remote monitoring and control of the device. It offers the following features in addition to those of the Stand Alone version.

Inverter Net

The features of the Inverter Net version are similar to those of the Stand Alone version; it only differs in that it can communicate with REACT 2 photovoltaic inverters with storage. This version offers the following advantages compared to the Stand Alone version.

Highlights

- Made in Italy using 100% recycled materials for the outer housing
- Easy installation and reduced dimensions, it's ideal for the garage
- The system can be configured to work seamlessly with FIMER's REACT 2 to maximise self-consumption
- It can be configured with different charging cables or sockets to suit your EV vehicle.



FIMER FLEXA AC WALLBOX

ELECTRIC VEHICLE CHARGER



Charger features



IP55

INSTALL INSIDE OR OUTSIDE



UL94 V-0

SELF-EXTINGUISHING FIRE PROTECTION



2 YEARS

WARRANTY



100% RECYCLED PLASTIC

CASING MATERIAL



ENERGY METER

BUILT-IN



WALL OR STAND

MOUNTING SYSTEM

3

MODE 3

CHARGING MODE



RFID

READER FUNCTIONALITY



LED

COLOUR-CODED STATUS



T2 & T3A

CORDED & SOCKET TYPES



275 x 480 x 140MM

DIMENSIONS



7-9 KGS

WEIGHT

Charger comparison

	Stand-alone	Future Net	Inverter Net
Power Sizes (kW)	3.7, 7.4, 11, 22	3.7, 7.4, 11, 22	3.7, 7.4, 11, 22
Master/Slave Fuctionality	Slave	Slave/Master	Slave/Master
Communications	RS485, Bluetooth	RS485, Bluetooth, 3G/4G, Wi-Fi, Ethernet	RS485, Bluetooth, 3G/4G, Wi-Fi, Ethernet
Communication protocol	-	OCPP 1.6 Json protocol	OCPP 1.6 Json protocol
Remote Monitoring	-	Yes	Yes
Remote Software Updates	-	Yes	Yes
Connection & Integration with FIMER REACT 2	-	-	Yes

Complete technical specifications available online.

FIMER

FIMER is the fourth largest solar inverter supplier in the world. Specialising in solar inverters and mobility systems, it has over 1,100 employees worldwide and offers a comprehensive solar solutions portfolio across all applications.

FIMER's skills are further strengthened by its bold and agile approach that sees it consistently invest in R&D. With a presence in 26 countries together with local training centres and manufacturing hubs, FIMER remains close to its customers and the ever-evolving dynamics of the energy industry.

fimer.com

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