
PRAMAC
WHEREVER you ARE
Pramac generators, suitable for do-it-yourself, created to support outdoor activities and ideal as emergency home backup.

STAGE V
COMPLIANT

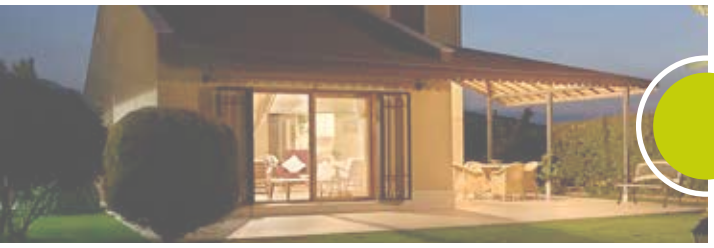
PRAMAC

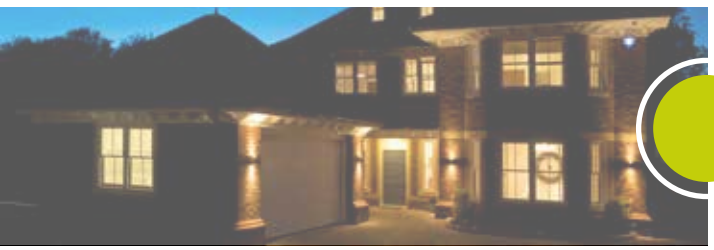
BRING THE POWER *you* NEED

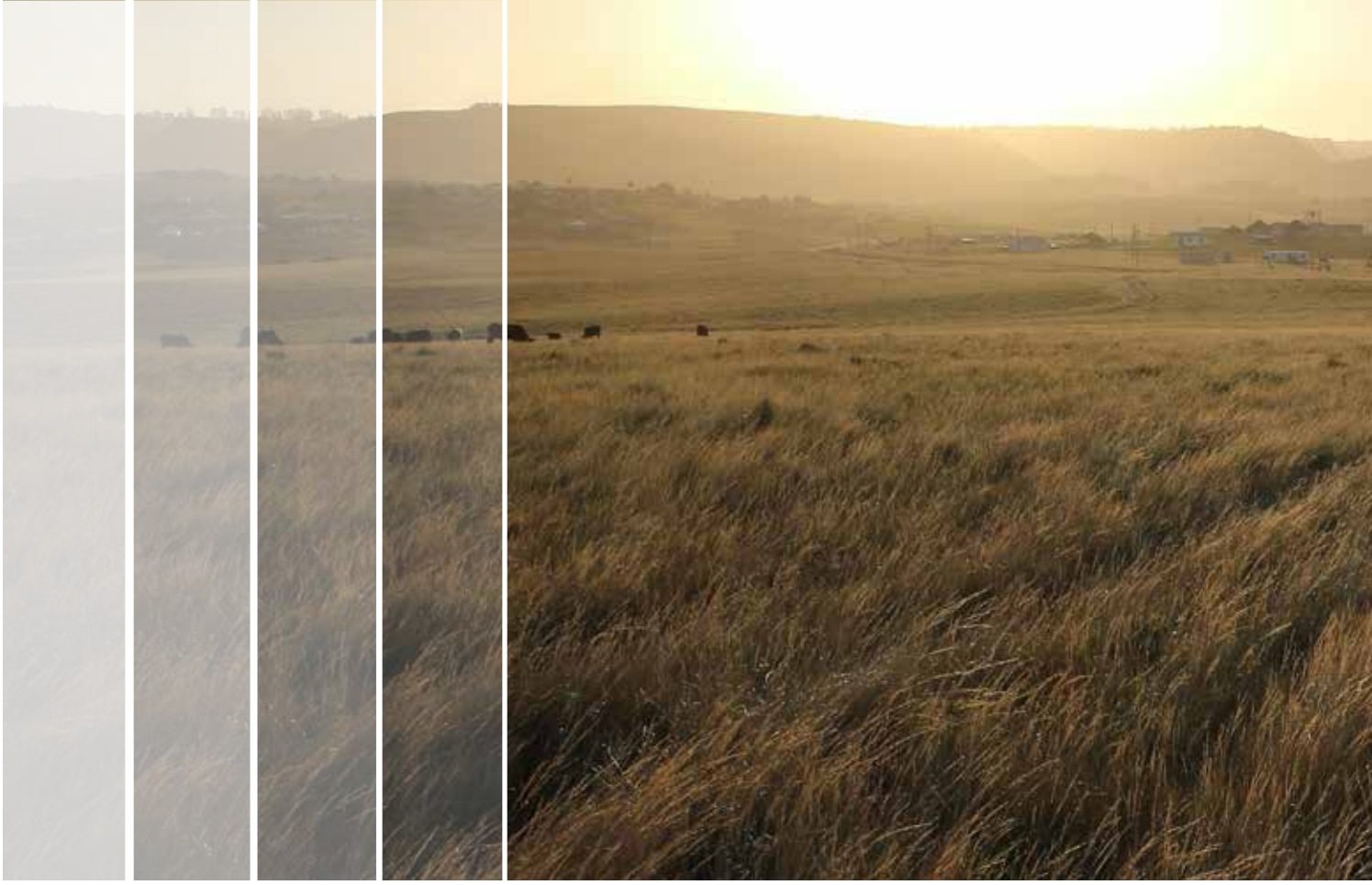
Founded in 1966, Pramac plays a key role in the energy production field, offering generators and solutions for industrial, mobile, residential, and small business applications, in standby, prime use or energy storage configuration. We lead the evolution to more resilient, efficient, and sustainable energy solutions, having a broad suite of products that support the path towards the **global energy transition**. Our generators are conceived to reduce fuel consumption and CO2 emissions. We are active since decades in the MotoGP Championship with the **Pramac Racing Team**, as we are the 1st Independent Team of the **MotoGp Championship***, we are also first in providing the widest range of power tools with passion and always focusing on delivering the best performance both with our products and on the track. Pramac provides solutions to help you bring the power that you need, anytime and everywhere.

* 1st Independent Team in 2018, 2021 and 2022

INDEX



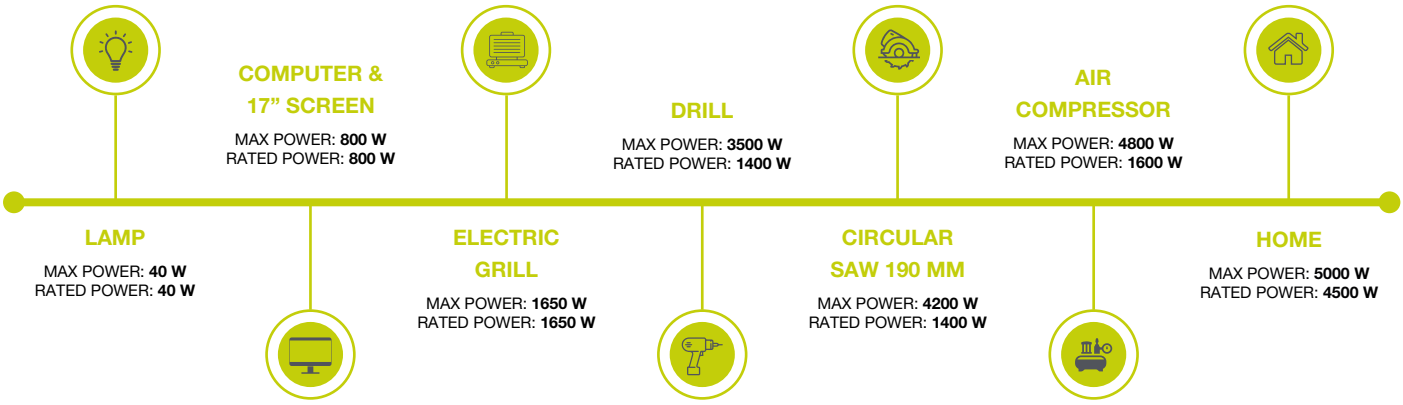




IDENTIFY THE POWER *you* NEED

To get the energy power from a generator that best suits your needs, you have to define the correct electrical balance by checking the starting power (called Max power) of the devices.
For this, you can check the Nameplate data of each device to be powered (called Rated Power), in order to determine the power required.
For a simultaneous usage of multiple equipments: add the Max power values, considering the actual simultaneous use.

1 Determine the starting power of each item, which is always equal or higher than the rated power
2 Total the Watts for all items you want to power
3 Add up the starting power of all your devices
4 Choose the generator which exceeds the total calculated Watts



GENSET VOCABULARY

Watt	Power	Power quality		Running time	Back up
Watt (W) is the unit used to measure the power; the power is the frequency at which energy is produced or consumed.	**MAX POWER** It is the maximum power available, during a variable electrical power. **COP POWER** It is defined as being the maximum power which a generating set is capable to deliver continuously, in sequence.	**INVERTER** It is a technology used by generators to improve the energy quality. An inverter generator is able to provide high quality energy, controlling and stabilizing the electrical supply. It is ideal for powering smart electronic devices.	**AVR** Generators with AVR have an electronic control that stabilizes the voltage values, improving performance and operation of the connected equipment.	The running time measures how many hours a portable generator can run, basing on the load applied.	Back-up is a safety system; a back up generator intervenes automatically in case of power outage from the electricity grid.

FREEDOM OF *movement*

INVERTER TECHNOLOGY: HOW DOES IT WORK?

The inverter technology improves the power quality.
Inverter generators stabilize the output tension and provide high quality energy, which controls and stabilize the electrical supply.
It is ideal for powering smart electronics, even computer and mobile phone.

- PORTABILITY
- SILENT LOW EMISSION
- RECOIL
- DURABILITY
- USB
- DIRECT CURRENT

PMi SERIES

INVERTER GENERATORS

PETROL

Camping, tailgating, feel outdoorsy. Time to power up your leisure experience and enjoy your home away from home with all comforts: appliances and personal electronics at your fingertips with no battery-dependent worries.
Optimal solution to combine silent operation with less fuel consumption and tension stability. They guarantee maximum efficiency through the Economy Mode, that automatically adjusts the engine speed to the optimum level to provide excellent fuel economy and noise reduction.
The PMi Inverter series has a compact design and are equipped with a handle that allows you to carry the product easily.
The range is equipped with a 12 Volt battery charger + cables, useful for recharging your car battery.

- Stable power for safe operation of sensitive electronics
- Pramac OHV engine
- Low-oil level shutdown
- Economy mode for maximum fuel savings and noise reduction
- Ports for mobile electronics charging (USB and DC 12V)

GENERATOR PERFORMANCE AND FEATURES

	PMi 1000	PMi 2000	PMi 3000
Single Phase Max Power	950 Watts	1900 Watts	3000 Watts
Single Phase Rated Power	850 Watts	1700 Watts	2800 Watts
Voltage	230 V	230 V	230 V
Running time at 50% load	3.2 Hours	3 Hours	6 Hours
Tank Capacity	2.1 Litres	3.5 Litres	10 Litres
Fuel consumption 50% (l/h)	0.66 l/h	1.20 l/h	1.60 l/h
Fuel	Petrol	Petrol	Petrol
Starting System	Recoil	Recoil	Recoil
Dimensions LxWxH (mm)	480x250x395	535x305x460	555x400x450
Dry Weight	14 Kg	22 Kg	38 Kg

ENERGIZE YOUR *time*

AVR

AUTOMATIC VOLTAGE REGULATOR: HOW DOES IT WORK?
Pramac gensets with Automatic Voltage Regulator (AVR) use an electronic control that stabilizes the voltage values, improving the performance and operation of the connected equipment.

- PORTABILITY
- DIGITAL DISPLAY
- ATS CONNECTOR
- NOISE COMPLIANT
- LONG RUNNING TIME
- RECOIL + ELECTRIC Starting System

WX SERIES

PORTABLE GENERATORS

PETROL

Portable generators can be used to power tools and provide emergency backup during power outages, as well as tackle site jobs and property improvement works; making it ideal for both work and recreational activities.

The WX Series portable generators provide power where and when you need it. These units deliver affordable reliability with the Automatic Transfer Switch (ATS) - optional - offers the comfort of prompt start up in case of outage.

- Two ergonomic handles fold down for easy storage
- Fuel tank with fuel filter and fuel gauge
- Control panel with digital display (Hour meter, Volt meter, Frequency meter)
- Roll cage design protects the generator
- Wheels for easy transport
- Low-oil level shutdown automatically safeguards engine from damage
- Thermal protection

GENERATOR PERFORMANCE AND FEATURES

	WX 3200	WX 3200 + CONN	WX 6200	WX 6200 + CONN	WX 6250	WX 7000
Three Phase Max Power	-	-	-	-	6100 Watts	-
Three Phase Rated Power	-	-	-	-	5500 Watts	-
Single Phase Max Power	2850 Watts	2850 Watts	5800 Watts	5800 Watts	2000 Watts	6100 Watts
Single Phase Rated Power	2450 Watts	2450 Watts	5300 Watts	5300 Watts	1800 Watts	5800 Watts
Voltage	230 V	230 V	230 V	230 V	230 V / 400 V	230 V
Running time at 50% load	16.3 Hours	16.3 Hours	12 Hours	12 Hours	12 Hours	11.3 Hours
Tank Capacity	17 Litres	17 Litres	26 Litres	26 Litres	26 Litres	26 Litres
Fuel	Petrol	Petrol	Petrol	Petrol	Petrol	Petrol
Starting System	Recoil	Recoil + Electric	Recoil	Recoil + Electric	Recoil+Electric	Recoil+Electric
Dimensions LxWxH (mm)	680x602x523	680x602x523	800x698x620	800x698x620	800x698x620	800x698x620
Dry Weight	49 Kg	49 Kg	78 Kg	89 Kg	90 Kg	90 Kg
Fuel consumption 50% (l/h)	1.04 l/h	1.04 l/h	2.16 l/h	2.16 l/h	2.16 l/h	2.3 l/h

LIVING IN *harmony*

ATS

AUTOMATIC TRANSFER SWITCH: HOW DOES IT WORK?

A transfer switch is a device that safely connects a generator to the electrical grid. When the main source fails, the switch provides an easy and effective method of transferring power from standard sources to the generator. When the standard source is restored, the ATS switches power back to it and shuts the generator down.

- PORTABILITY
- DIGITAL DISPLAY
- SOUNDPROOF
- AUTOMATIC VOLTAGE REGULATOR
- LONG RUNNING TIME
- FUEL GAUGE
- ELECTRIC Starting System

PMD SERIES

BACK UP GENERATORS

DIESEL

The reliable choice of conscious Homeowners.
The Automatic Transfer Switch (ATS) - optional - offers the comfort of prompt start up in case of outage. Diesel and soundproof motorization stand for reliability with low operating cost in the maximum comfort. Handle and wheels allow easy to move and transport. Generous fuel tank capacity allows for long continuous running time. Built-in digital multimeter for scheduled maintenance intervals and ensure optimal operating condition. Automatic Voltage Regulator (AVR) allows for tension stability.

- Central lifting point
- Control panel with digital display (Hour meter, Volt meter, Frequency meter)
- 4” wheels for easy transport
- Low oil shutdown protects engine
- Fuel tank with fuel filter and fuel gauge
- AVR: Automatic Voltage Regulator
- Connector to Automatic Transfer Switch for optimal home safety

GENERATOR PERFORMANCE AND FEATURES

	PMD 5000s	PMD 5050s
Three Phase Max Power	-	4000 Watts
Three Phase Rated Power	-	3600 Watts
Single Phase Max Power	5000 Watts	1330 Watts
Single Phase Rated Power	4500 Watts	1200 Watts
Voltage	230 V	230 / 400 V
Running time at 50% load	11.3 Hours	11.3 Hours
Tank Capacity	14.5 Litres	14.5 Litres
Fuel	Diesel	Diesel
Starting System	Electric	Electric
Dimensions LxWxH (mm)	910x518x682	910x518x682
Dry Weight	150 Kg	161 Kg

PEACE OF *mind*

LTS

LOAD TRANSFER SWITCH: HOW DOES IT WORK?

If the mains power goes out, the generator comes on automatically and switches the power source within seconds. The generator sits outside your home, just like a central air conditioner, while the transfer switch is located next to the main breaker box, and in some cases replaces it entirely. When the power standard source is restored, the LTS switches power back to it and shuts the generator down.

- LPG / NG SWITCHABLE FUEL
- START/STOP AND TEST
- CONVENIENT INSTALLATION
- REMOTE MONITORING
- 5-YEAR LIMITED WARRANTY
- NOISE COMPLIANT
- TOUGH, DURABLE ENCLOSURES

POWERKNIGHT

GAS STANDBY GENERATORS

GAS

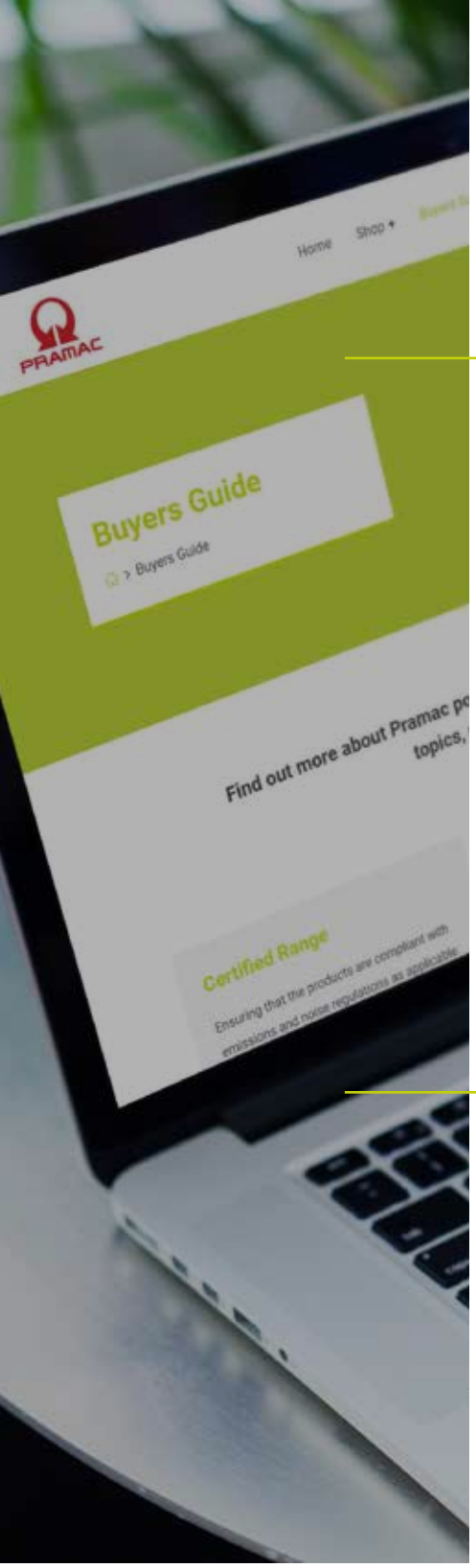
Adverse and severe weather events can often be accompanied by power outages that can last for extended periods of time, preventing the use of essential services such as heating & lighting and consequently do not allow carrying out essential activities.
Power plays such an important role in our increasingly smart homes, and a loss of power could also jeopardise essential services for the survival of people with serious health problems or something as simple as charging an electric vehicle. Powerknight gas generators use Generac G-Force engine, which provides the necessary reliability that emergency power systems are required to offer, with the peace of mind of very long run-time. It utilizes the same type of pressurized oil lubrication used to give automobile engines long and trouble-free lives and requires fewer scheduled maintenance checkups than traditional diesels.

- Easily connects to existing LPG tank or natural gas fuel supply-line
- Features an integral mounting pad in composite-material, which allows installation on simple flat ground without need to build a concrete-pad
- TruePower™ Technology delivers best-in-class power quality
- Designed to run on for natural gas with pressure as low as 0,9 kPa
- Aluminium enclosure as standard, providing excellent protection and durability

GENERATOR PERFORMANCE AND FEATURES

	GA 8000*	GA 10000	GA 13000	GA 20000
Rated Power (LPG/NG)	8/7 kVA	10 kVA	13 kVA	20/17 kVA
Voltage	230V	230V	230V	400V
Phase	1	1	1	3
Engine RPM	3000	3000	3000	3000
Engine Model	OHVI / 530cc	OHVI / 999cc	OHVI / 999cc	OHVI / 999cc
Natural Gas: Fuel Consumption 100% (m^3/h)	3.62	5.30	6.48	7.02
Liquid Propane Gas: Fuel Consumption 100% (l/h)	6.16	7.62	8.86	10.86
Quiet-Test Mode	Yes	Yes	Yes	Yes
dB(A) at Quiet-Test Mode	54	54	54	59
Guaranteed noise level (LWA) dB(A)	95	95	96	95
Noise pressure level @ 7 mt dB(A)	62	63	63	65
Load Transfer Switch	45 Amp	70 Amp	70 Amp	45 Amp
Dimensions LxWxH (mm)	1232x648x733	1232x648x733	1232x648x733	1232x648x733
Dry Weight	155 kg	176 kg	193 kg	220 kg

* Product not compliant with RoHS directive. This model is not for sale within the EU.



ABOUT PRAMAC PORTABLE GENERATORS

usage

HOW TO START A GENERATOR?

It is important not to run generators inside a home, garage or any enclosed space. Before the first ignition, consult the instruction and maintenance manual and proceed as follows:

- Put the oil in the engine
- Fill the tank with the fuel type indicated
- Pull the air choke
- Pull the recoil handle (only for the models with electrical start, it is necessary to connect the battery before turning the key)

HOW TO SHUT DOWN A GENERATOR?

First, turn off all the connected tools and appliances and let the generator set run for a few minutes to cool down. Then stop the generator set by pressing the Start/On/Off switch in the OFF position and finally close the fuel valve.

HOW LOUD ARE GENERATORS?

Portable and back up generators range offers different soundproofing levels according to different models.

WHERE SHOULD A GENERATOR RUN?

Set the generator outdoors and use it only on horizontal surfaces (not inclined). Position it away from doors and windows so that the exhaust fumes do not get inside the house, buildings, campers…

CAN A GENERATOR BE USED DURING INCLEMENT WEATHER?

Generators can be used in a wide variety of weather conditions, but they should be protected from the elements, when in use, to prevent shorting and rusting.

DOES A GENERATOR NEED TO BE GROUNDED?

Pramac generators do not need to be grounded.

maintenance

HOW OFTEN SHOULD THE ENGINE OIL BE REPLACED?

WHICH OIL IS RECOMMENDED?

It depends on how long the generator runs. Specific instructions are always contained into the instruction and maintenance manual.
Anyway, it is advisable to change the oil at least once a year.

HOW OFTEN SHOULD THE ROUTINE MAINTENANCE BE PERFORMED?

Always check the instruction manual for the recommended maintenance schedule related to the engine.

WHERE TO GO FOR MAINTENANCE AND REPAIRS?

Pramac provides after sales service all over the world through the Service Center Locator, available on the website:
www.pramacparts.com

IS IT POSSIBLE TO GET ADDITIONAL COPIES OF THE ORIGINAL OWNER MANUAL?

It is possible to download the original owner manual from the web:
www.pramacparts.com

SERVICE AND PARTS

A global after sales network and a wide offer of spare parts

Spare parts kit special offer
On-line spare parts order and interactive spare parts catalogues

Service support
Worldwide approved service network

Scheduled maintenance kits
Personalised solutions with 24/7on call service

Certified operators
Dedicated training programs for users, maintenance and after sales service

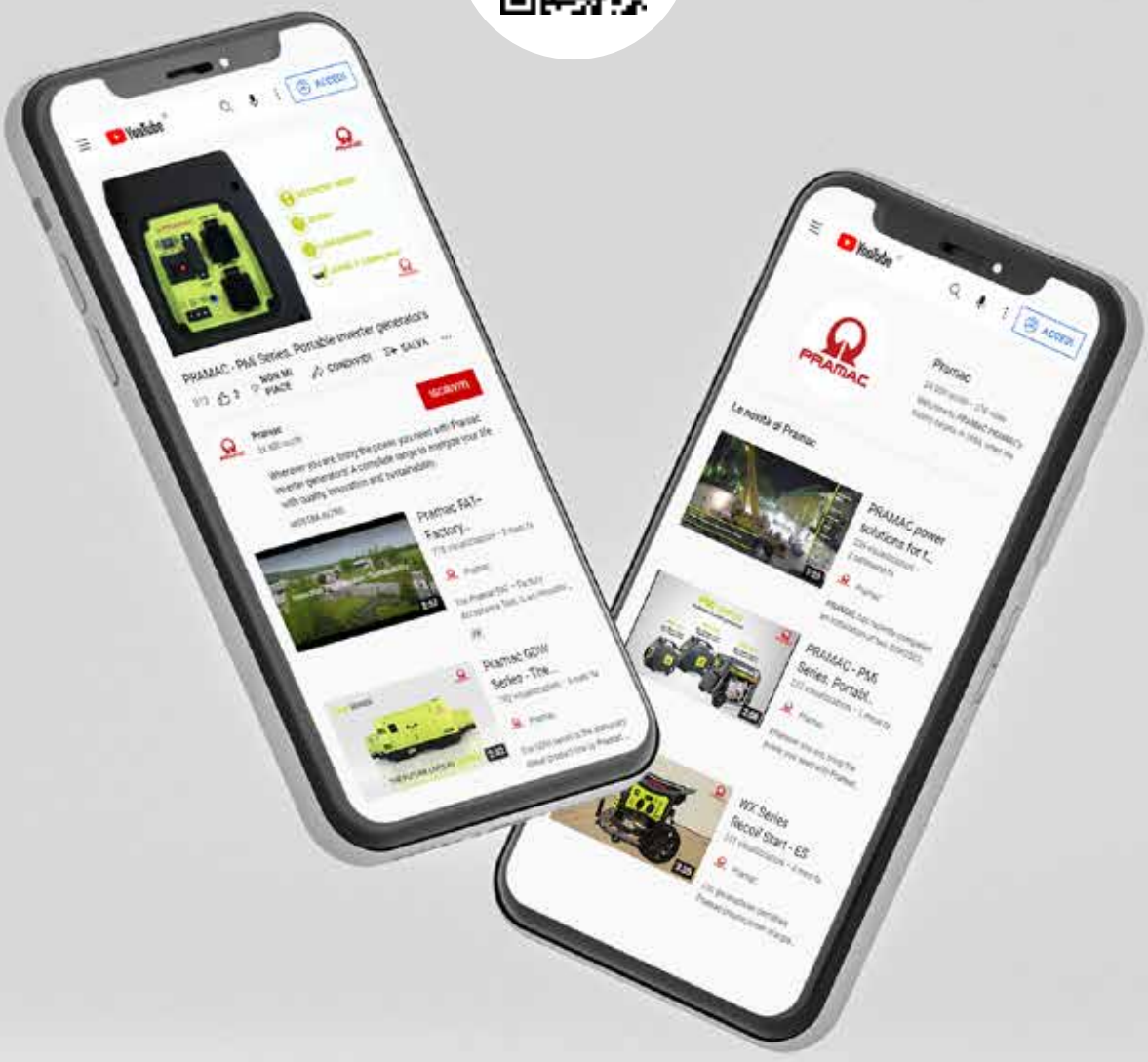
Manuals and guides
A complete set of technical information, offering quick and efficient solutions

Online assets
A dedicated website to reach technical resources, place orders, and check the parts catalogue

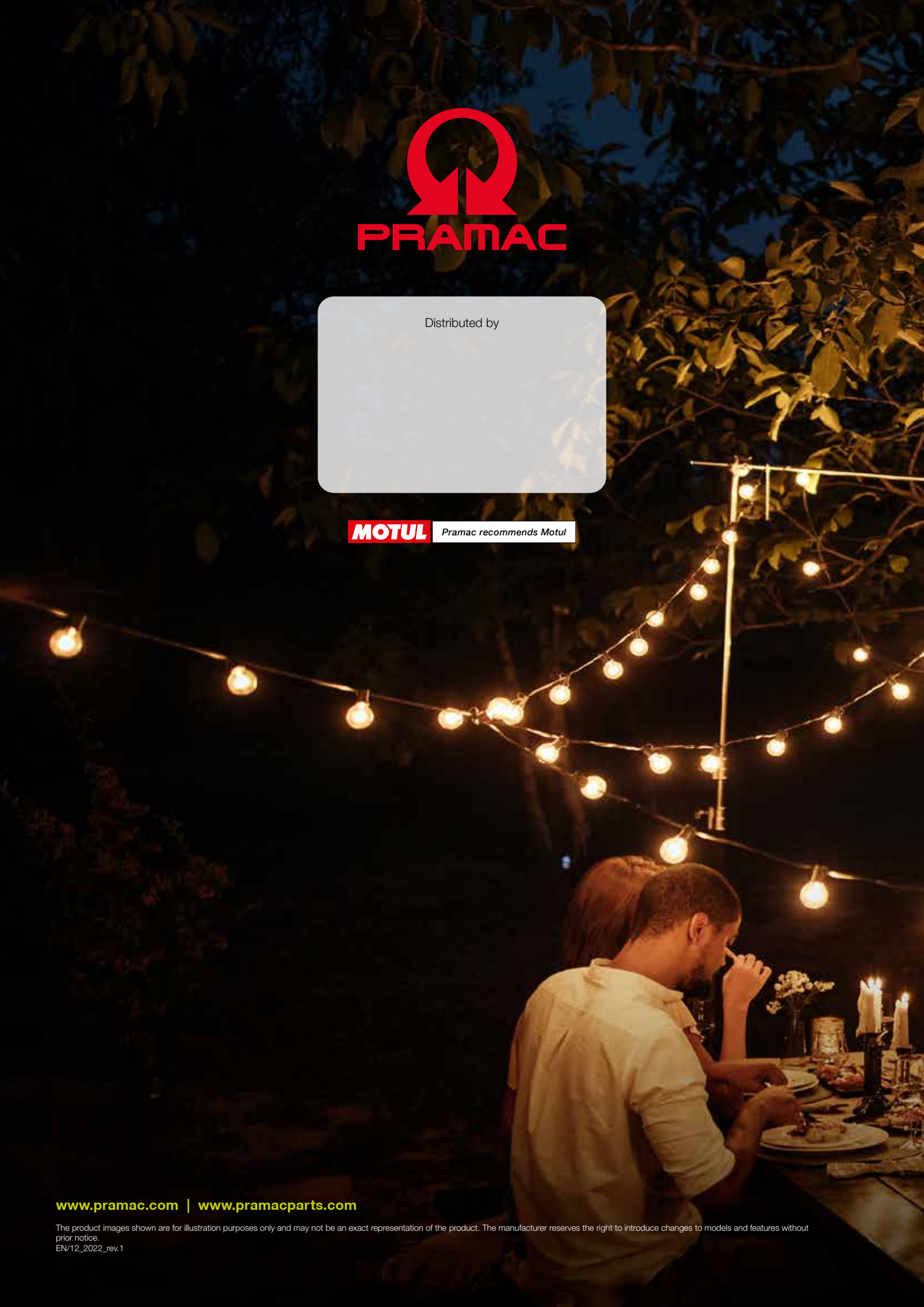
PRAMAC

FIND MANY GENERATOR TUTORIALS ABOUT USAGE AND MAINTENANCE, VISITING OUR

youtube channel



WE ARE THE ENERGY GENERATION!



www.pramac.com | www.pramacparts.com

EN/12_2022_rev.1