



# WHEREVER *you* ARE

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





# 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 achieved the **2024 Rider World Champion title\***, 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, 2022, 2023, 2024  
Team World Champion in 2023

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### FREEDOM OF MOVEMENT

*Inverter generators: PMi Series*

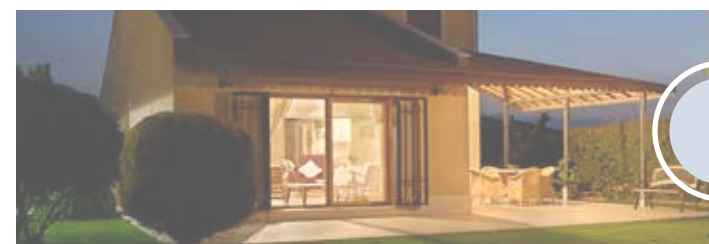
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### LIVING IN HARMONY

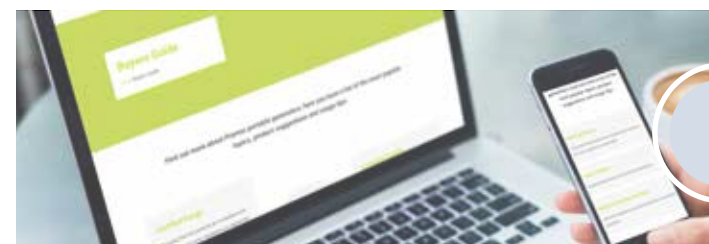
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# IDENTIFY THE POWER *you* NEED

# POWER SOLUTIONS READY FOR SOLAR, DESIGNED FOR *you*

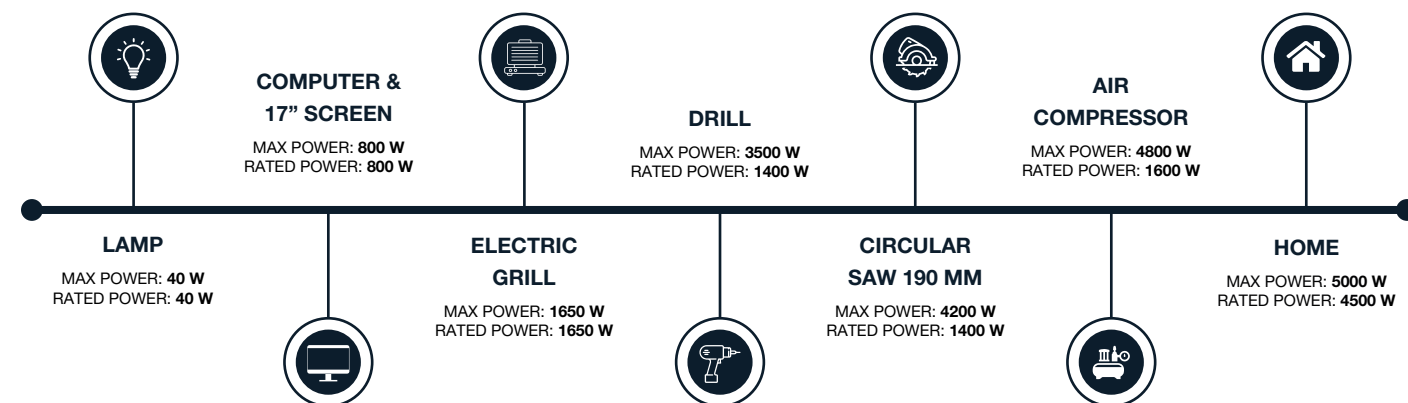
To get the energy power from a generator that best suits your needs, you have to define the correct electrical balance by checking the starting power (called Max power) of the devices.

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



Unlock the next level of power control with Pramac all-in-one 3Xtra Control solution, for the first time including 2 wire start system, remote control and ATS connector.



## 2 WIRE START

The 2 wire start system is a simple and **efficient way to power a generator** without additional components. It is able to activate and stop the generator by closing and opening the relè manually or through the inverter that detects the deficiency of the primary source of energy. This system is designed to seamlessly integrate **with photovoltaic solar installations**, allowing the inverter generator to automatically start when solar power is insufficient or backup power is needed.



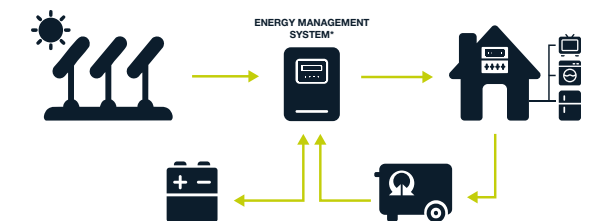
## REMOTE CONTROL

The **remote start** feature allows you to power up your generator from certain distance in open field (50m), at any time, using a simple remote controller.

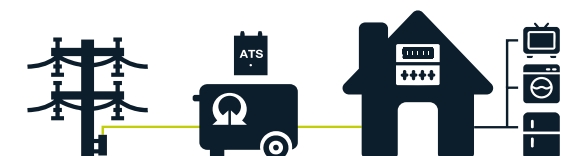


## ATS CONNECTOR

The **Automatic Transfer Switch (ATS)** seamlessly switches between the main power grid and a backup generator during power failures. It starts the generator when needed and returns to the grid once power is restored.



\*Energy management system, not included with the generator, must be equipped with grid/genset switch and with AC/DC converter for battery storage. Professional installation is required.







# 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



RECOIL AND  
ELECTRIC START



LOW NOISE



DURABILITY



USB



DIRECT  
CURRENT



## PERFORMANCE AND FEATURES



PMi 4500 EXCLUSIVE

	PMi 1000	PMi 2500	PMi 3000	PMi 4500
Single Phase Max Power	950 Watts	2300 Watts	3000 Watts	4200 Watts
Single Phase Rated Power	850 Watts	2000 Watts	2800 Watts	3800 Watts
Voltage	230 V	230 V	230 V	230 V
Running time at 50% load	3.2 Hours	3.6 Hours	6 Hours	9.7 Hours Eco mode
Tank Capacity	2.1 Litres	3.5 Litres	10 Litres	12 Litres
Fuel consumption 50% (l/h)	0.66 l/h	0.90 l/h	1.60 l/h	1.20 l/h
Fuel	Petrol	Petrol	Petrol	Petrol
Starting System	Recoil	Recoil	Recoil	Electric+Recoil
Dimensions LxWxH (mm)	480x250x395	535x290x440	555x400x450	578x422x500
Dry Weight	14 Kg	22.5 Kg	38 Kg	42.5 Kg

## 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)
- Digital display







# ENERGIZE YOUR *time*



**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  
START

## WX SERIES PORTABLE GENERATORS



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



## 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*



## 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  
START

# PMD SERIES

## BACK UP GENERATORS



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



## 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*



### 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



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



## 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% (m³/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](http://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](http://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 24/7 on 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



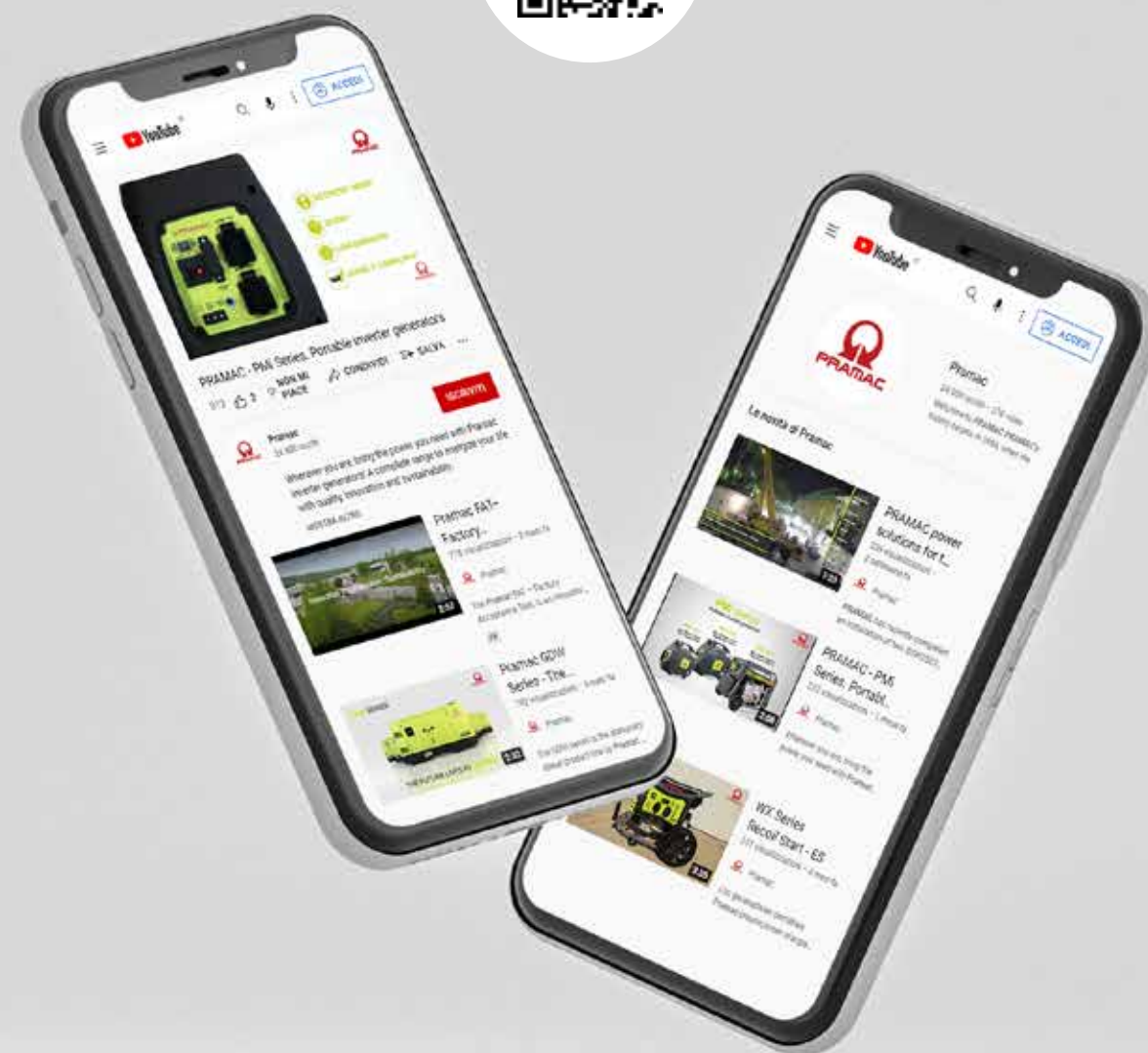
### Online assets

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



FIND MANY GENERATOR TUTORIALS ABOUT  
USAGE AND MAINTENANCE, VISITING OUR

youtube channel



RACERS. WINNERS. DREAMERS. DOERS.  
**WE ARE THE ENERGY GENERATION!**







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*Pramac recommends Motul*

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# PORTABLE GENERATORS & POWER TOOLS

PROFESSIONAL  
USE







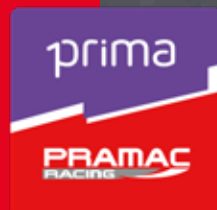
**PERFORMANCE**



**INNOVATION**



**RELIABILITY**



**MotoGP Team World Champion**  
2023

**Best Independent MotoGP Team**  
2018 | 2021 | 2022 | 2023



**We drive the future as a leader in the energy generation!**

Since 1966, we offer a **wide range of solutions** for industrial, mobile, residential, and small business applications, in standby, prime use or energy storage configuration.

Pramac is a **sport supporter**: sport is a passion and a challenge, that pushes us to always improve performance on the worldwide tracks. We are active since decades in the **MotoGP Championship** with the **Pramac Racing Team**, official Ducati independent team.

After the 2002 motorcycling's debut, Pramac Racing's competitive spirit has earned the team some significant results and there is a strong link between the team of the **racing division** and Pramac business.

They are interconnected and evolve together, sharing a **common philosophy** based on quality, innovation, and the necessity of keeping up with times. We need **flexibility, energy** and to remain **dynamic** in order to face market's changes, to be competitive and drive the future!

# Excellence at work

Products are designed having in mind the users' needs. Our power equipments are reliable, safe and efficient because Pramac is a certainty when requiring professional performance in a variety of working applications.



Camping  
Boating  
Gardening  
Caravanning  
Motor homes  
Home/Office back-up

**SENSITIVE EQUIPMENT**



Hire companies  
Lighting  
Industrial  
Renovation works

**CONSTRUCTION**



Itinerant event  
Disaster relief  
Power cuts  
Floodings

**EMERGENCY**



# Portable range

STAGE V  
COMPLIANT

Pramac portable power systems are conceived for professional application and work in tough environment. The wide product offering includes **diesel** and **gasoline power generator** sets, **water pumps**, **pressure washers** and **welder generators**.

Quality, efficiency and high product standards are achieved through the use of modern design and manufacturing techniques, exceeding international regulations for noise and environmental pollution. In fact, our generators are **Stage V** compliant in order to follow the European Union's green initiative, aiming to reduce the pollutants emitted by the engine.



## P inverter Series

Genset name	Single phase				
	P2200i	P3000i	P3500i	P3500i/o	P7500i
Max Power (kW)	2.1	2.5	3.3	3.3	7.0
COP Power (kW)	1.9	2.3	3.0	3.0	6.5
Pramac Engine	100I	165F	170F	170F	192F
Fuel tank (l)	4.5	4	10	9	25
Autonomy @ 75% COP	4.5h	3.5h	6.0h	5.5h	11 h
LpA @ 7 m [dB(A)]	66	61	61	66	65
POWERRUSH™		✓	✓	✓	✓



## E Series

Genset name	Single phase				Three phase	
	E3200	E4000	E5000	E8000	E5000	E8000
Max power (kVA/kW)	2.9/2.6	3.4/3.1	5.1/4.6	7.2/6.4	6.3/5.0	8.3/6.6
COP Power (kVA/kW)	2.5/2.2	2.9/2.6	4.2/3.9	6.0/5.5	5.4/4.3	7.0/5.6
Honda Engine	GX160	GX200	GX270	GX390	GX270	GX390
Fuel tank (l)	3.1	3.1	5.3	6.1	5.3	6.1
Autonomy @ 75% COP	3.52h	2.63h	3.17h	2.85h	3.19h	2.84h
LpA @ 7 m [dB(A)]	66	68	69	69	69	69



## E Series

Genset name	Single phase		Three phase	
	E4500	E6500	E4500	E6000
Max power (kVA/kW)	3.9/3.5	5.9/5.3	4.7/3.7	6.9/5.5
COP Power (kVA/kW)	3.3/3.0	4.9/4.4	4.0/3.2	5.7/4.5
Yanmar Engine	L70V	L100V	L70V	L100V
Fuel tank (l)	3.5	5.5	3.5	5.5
Autonomy @ 75% COP	3.02h	3.79h	3.04h	3.77h



## ES Series



Genset name	Single phase				Three phase	
	ES3000	ES4000	ES5000	ES8000	ES5000	ES8000
Max power (kVA/kW)	2.9/2.6	3.4/3.1	5.1/4.6	7.2/6.4	6.3/5.0	8.3/6.6
COP Power (kVA/kW)	2.5/2.2	2.9/2.6	4.2/3.9	6.0/5.5	5.4/4.3	7.0/5.6
Honda Engine	GX160	GX200	GX270	GX390	GX270	GX390
Fuel tank (l)	11	11	11	11	11	11
Autonomy @ 75% COP	12.50h	9.32h	6.59h	5.14h	6.63h	5.12h
LpA @ 7 m [dB(A)]	68	67	69	69	69	69



## PX Series

Genset name	Single phase			Three phase	Single phase
	PX4000	PX5000	PX8000	PX8000	PX10000
Max power (kVA/kW)	3.0/2.7	4.2/3.8	6.0/5.4	6.0/4.8	10.3/9.3
COP Power (kVA/kW)	2.5/2.3	3.9/3.5	5.0/4.5	5.0/4.0	9.4/8.5
Pramac Engine	170F	188F	190F	190F	196F
Fuel tank (l)	18.5	27	27	27	48
Autonomy @ 75% COP	19.27h	18.75h	13.50h	13.11h	11.2h
LpA @ 7 m [dB(A)]	68	69	69	69	73



## S/SP Series

Genset name	Single phase			Three phase				
	S5000	S8000	S12000	S5000	S8000	SP8000	S12000	SP12000
Max power (kVA/kW)	5.3/4.8	7.2/6.4	11.9/10.7	6.3/5.0	8.3/6.6	8.8/7.1	13.9/11.1	13.8/11.1
COP Power (kVA/kW)	4.2/3.9	6.0/5.5	10.0/9.1	5.4/4.3	7.0/5.6	6.8/5.4	11.8/9.5	11.8/9.4
Honda Engine	GX270	GX390	GX630	GX270	GX390	GX390	GX630	GX630
Fuel tank (l)	27	27	24	27	27	27	24	24
Autonomy @ 75% COP	16.17h	12.62h	5.67h	16.27h	12.56h	12.56h	5.77h	5.67h
LpA @ 7 m [dB(A)]	69	69	68	69	69	69	68	68



## S Series

Genset name	Single phase		Three phase	
	S6500	S10000	S6000	S10000
Max power (kVA/kW)	5.9/5.3	10/9	6.9/5.5	11.8/9.4
COP Power (kVA/kW)	4.4/4.8	9.3/8.4	2.7/3.0	10.5/8.4
Engine	Yanmar L100V	Lombardini 25LD425	Yanmar L100V	Lombardini 25LD425
Fuel tank (l)	24	24	24	24
Autonomy @ 75% COP	16.44h	9.84h	16.55h	9.84h



## POWER TOOLS

### PTO SHAFT GENERATOR TG Series

PTO generators are a safe and versatile power source able to generate low cost-efficient power for any kind of agricultural use.



### PRESSURE WASHER PW Series

Petrol and diesel driven cold water high pressure washers designed to meet professional and recreational demands.



### WELDER W Series

Welder generators are specifically designed for small repairs, or for more advanced applications. Up to 220A you can use rutile, basic or cellulosic electrode up to 5mm diameter.



### MOTOR PUMP MP Series

Whenever it is necessary to move large quantities of water, facing a flood or simply filling a pond, these petrol powered pumps are the perfect ally.



## 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 24/7 on 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 parts  
website to reach  
technical resources,  
place orders, and check  
the parts catalogue



Products are verified and tested by Pramac R&D Engineering division.  
We stand behind our innovative product design, high quality, and first-class reliability  
with the Pramac Limited Warranty of **XXXXX years/hours**.

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TUTORIALS ABOUT **USAGE**  
AND **MAINTENANCE**,  
VISITING OUR:

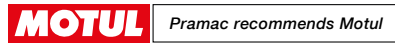


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