



# Solutions for the rental business

## Mobile generators





## We look to the future as a leader of the energy generation

We lead the evolution to more resilient and efficient energy solutions, having a broad suite of products: power generators, battery energy storage systems and light towers.

Our ranges are the result of close working partnerships with customers and suppliers, which enable us to offer products suited to a wide range of applications and geographic areas. The success of our products is based on the ability of balancing the best technical performances with an unquestioned reliability. Professional and innovative engineering, disciplined component selection and industry leading quality control processes help the company to maintain the position as international market leader.

The research and the development produce highly innovative products which aim to boost performance and reduce maintenance operations, to lower fuel consumption and carbon emissions and to make logistics easier in order to minimize transportation and fuel costs.

# The widest choice of solutions for **mobile lighting, power** and **energy storage**

Our professional and innovative approach, guarantees products of unquestioned reliability, with high technical performances.

## BATTERY ENERGY STORAGE SYSTEMS

- OPzV-S and lithium batteries
- Remote Connectivity
- 0 noise & emission

## MOBILE LIGHT TOWERS

- LED floodlights
- Cost-effectiveness
- Engine, Solar & Plug-in solutions

## POWER GENERATORS

- Modular design
- Wide power range
- Fast servicing



# GPW Series

The GPW philosophy offers a high degree of versatility and allows for the most suitable configuration to be achieved according to real operational needs: local regulations, site specs, application and usage.

The core design and the wide list of modules make the generator adaptable to several specific needs:

- Multiple solutions for power output/distribution > bus bar, sockets, power lock
- Canopy and base frame features guarantee easy handling
- General arrangement and large service access make for simple and efficient maintenance tasks
- Extended options list to enhance the genset safety, security and protection levels according to ambient/site conditions and specific regulations



A modular design offers maximum configurability to adapt the generator to a large variety of requirements based on specific customer needs, final purpose and local regulations.

## GLOCAL PHILOSOPHY



**LARGE USE OF  
RECYCLABLE  
MATERIALS**



**LONG-LASTING  
MATERIALS FOR  
LOW PRODUCT  
DETERIORATION**



## Several configurations, responding to tomorrow's operational challenges:

- High quality standards and reliability with a specific design suitable for mobile applications
- A modular design allows high flexibility on scope of supply, with a wide range of mechanical and electrical options
- Available in silenced version to satisfy global requirements and specific local needs



**Reliability**



**Durability**



**Easy handling**



**Fast servicing**



# Properties advantages

**Designed for mobile application:** a basic core configuration is compatible with a wide list of modules, able to cover a large variety of requirements based on specific customer needs, final purpose and local regulations.



## Easy handling and transport

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Optimized overall dimensions. **Roof lifting bridge** and additional **four lifting points** located in the base frame allow the genset to be moved by crane. Bolted feet also allow genset to be handled by forklift.

**Galvanized skid base** with **forklift pockets** available as option.



## Several fuel tank sizes available

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**Three fuel tank** options available with different levels of autonomy, in polyethylene and metal: 8h, 12h, 24h.



## Easy service and maintenance

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Designed for easy ordinary and extraordinary maintenance. **Four large doors** allow easy and quick access to all service points.



## Cutting edge control panel

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**Complete segregation** between control and power sections, by means of two **separate** metal cabinets. Control and power sections able to house digital/analogue instrumentation and robust busbar. Modular design allows for **high flexibility** of the scope of supply.



### Socket panel

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Sockets panel positioned in the frontal side and separated from the control/power cabinets with **high flexibility on sockets combination**.

Ideal for easy and **fast** power connection.



### High Protection

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Designed to guarantee **high safety standards** for the operator. Weatherproof enclosure with **high protection** against water and dust ingress, thanks to special metal air inlet. **Key lockable** doors avoid unauthorized access.



# Technical data

Models	PRP (kVA)	Engine	Alternator	Dimensions (LxWxH mm)
GPW9P	9	Perkins	Mecc Alte	1800x850x1260
GPW13P	13	Perkins	Mecc Alte	1800x850x1260
GPW35Y	36	Yanmar	Mecc Alte	2200x1000x1310
GPW45Y	43	Yanmar	Mecc Alte	2200x1000x1310
GPW60P	60	Perkins	Mecc Alte	2400x1040x1743
GPW85P	82	Perkins	Mecc Alte	2770x1100x1825
GPW100P	100	Perkins	Mecc Alte	2770x1100x1825
GPW130V	132	Volvo	Mecc Alte	3700x1200x2010
GPW150V	148	Volvo	Mecc Alte	3700x1200x2010
GPW150P	150	Perkins	Mecc Alte	3700x1200x2010
GPW170P	170	Perkins	Mecc Alte	3700x1200x2010
GPW175V	174	Volvo	Mecc Alte	3700x1200x2010
GPW190P	191	Perkins	Mecc Alte	3700x1200x2010
GPW205P	211	Perkins	Mecc Alte	3700x1200x2010
GPW250V	250	Volvo	Mecc Alte	3700x1200x2010
GPW305V	300	Volvo	Mecc Alte	3700x1200x2010
GPW325V	326	Volvo	Mecc Alte	4000x1460x2160
GPW345V	327	Volvo	Mecc Alte	3700x1200x2010
GPW370V	370	Volvo	Mecc Alte	4000x1460x2160
GPW415V	419	Volvo	Mecc Alte	4000x1460x2160
GPW465V	465	Volvo	Mecc Alte	4500x1580x2315
GPW510V	510	Volvo	Mecc Alte	4500x1580x2315





# GRW Series

**Robust quality engineered for extended life**  
**High performance across strategic services and events**

The GRW series works across a wide variety of applications where a temporary power supply is needed. These generators are the ideal solution for rental companies, thanks to their versatility, high efficiency and high structural resistance. They are easy to use and guarantee high degrees of protection, low noise emissions and easy access for maintenance.



## Low Opex

- Base frame equipped with anchor points, forklift pockets, pull bars
- Single lifting point
- Control panel single interface area
- High quality fuel system with 6-way fuel valve



## Durability

- More than 1000h tested salt spray resistant canopy
- Large metal fuel tank (up to 24h autonomy) with internal baffles
- Cutting edge components
- Robust design to withstand the toughest of environments



## Eco-friendly

- Compatible engines with Hydrotreated Vegetable Oil (HVO)
- Fully bunded base frame able to retain 110% liquids complete with leak detection sensor
- Heavy-duty diesel engines equipped with electronic governor
- High quality materials with low impact recycling equipment



## High protections

- Fully waterproof air inlet openings
- Synchronous brushless alternator with reinforced insulation
- Additional fuel filter
- Safety and protection guaranteed battery switch



# Properties advantages



## Long lasting - long running

- Reliable peace of mind performance
- More than 1000h tested salt spray resistant canopy
- Large metal fuel tank (up to 24h autonomy) with internal baffles
- Cutting edge components
- Robust design to withstand the toughest of environments



## High protection

- High quality thermal insulation
- Fully waterproof air inlet openings
- Synchronous brushless alternator with reinforced insulation
- Additional fuel filter
- Safety and protection guaranteed battery switch



## Easy service

- Wide access doors and double fuel refilling points for easy maintenance
- Base frame equipped with anchor points, forklift pockets, pull bars
- Single lifting point
- Control panel single interface area
- High quality fuel system with 6-way fuel valve

## Low environmental impact

- High density sound proofing for sensitive environments
- Fully bunded base frame able to retain 110% liquids complete with leak detection sensor
- Heavy-duty diesel engines equipped with electronic governor
- High quality materials with low impact recycling equipment

# Control panel

## Automatic and parallel

The control panel is intuitive and user-friendly, features high protection and makes customizations easier. The GRW uses Automatic Control Panel (ACP) and Modular Parallel Panel (MPP).



### CONTROL SECTION

#### With dual-level access to components

- Control unit and all control circuits/switches
- Alternator AVR
- Battery charger
- Adjustable earth fault current protection
- Mechanical hours counter
- Fuel level meter (analogue)



### POWER SECTION

#### High protection with double-door

- Door open switch with circuit breaker tripping
- Last generation bus bar for power cables connection



### SOCKET SECTION

#### Several combinations available

- Sockets panel provides high flexibility on sockets combination. Ideal for easy and fast power connection
- 2-wires start/stop multi pin connector for synchro (parallel panel)
- Multi pin connector for synchro (parallel panel)



### DEEP SEA

User-friendly interface, increasing product's reliability and flexibility

# Technical data

Models	PRP (kVA)	Engine	Alternator	Fuel tank (l)	Dimensions (LxWxH mm)	ACP	MPP
GRW22Y*	18	Yanmar	Leroy Somer	216	2000x1200x1582	x	
GRW35Y*	37	Yanmar	Leroy Somer	216	2000x1200x1582	x	
GRW50Y*	45	Yanmar	Leroy Somer	216	2000x1200x1582	x	x
GRW67P*	60	Perkins	Leroy Somer	300	2400x1200x1650	x	x
GRW95P*	85	Perkins	Leroy Somer	530	3460x1200x1950	x	x
GRW115P*	100	Perkins	Leroy Somer	530	3460x1200x1950	x	x
GRW165P*	150	Perkins	Leroy Somer	940	3460x1200x2050	x	x
GRW180P*	162	Perkins	Leroy Somer	940	3460x1200x2050	x	x
GRW210P*	190	Perkins	Leroy Somer	940	3460x1200x2050	x	x
GRW200V	180	Volvo	Leroy Somer	1120	3860x1300x2000	x	x
GRW225V	200	Volvo	Leroy Somer	1120	3860x1300x2000	x	x
GRW280V	250	Volvo	Leroy Somer	1120	3860x1300x2000	x	x
GRW360V	325	Volvo	Leroy Somer	1180	4165x1500x2130	x	x
GRW405V	365	Volvo	Leroy Somer	1180	4165x1500x2130	x	x
GRW420V	386	Volvo	Leroy Somer	1180	4165x1500x2130	x	x
GRW455V	416	Volvo	Leroy Somer	1180	4165x1500x2130	x	x
GRW505V	455	Volvo	Leroy Somer	1500	4630x1600x2465	x	x
GRW565V	500	Volvo	Leroy Somer	1500	4630x1600x2465	x	x

\*Model available also in Super Silent version

## ACP

Automatic Control Panel

## MPP

Modular Parallel Panel

**1,25 MVA**

# GQW 1400V

Compact and versatile power generation up to 1,25 MVA Prime Power with two generating sets inside a 20-foot High Cube container. This solution guarantees greater performance, lower fuel consumption and high-power density. It offers load profile variations during the gensets' running time, ensuring the greatest efficiency and optimum run time.



- Soundproof and weatherproof container with proper insulation and openings for service and maintenance
- Complete with double wall metal fuel tank (for both gensets)
- Heavy-duty air filter
- Single automatic synchronizing control panel to run one or both gensets according to power demand
- Exhaust silencers integrated with high insulation



**Reduced fuel consumption**



**Parallel configuration**



**Compact footprint**



# Properties advantages

## Installation, commissioning, service & maintenance

A very easy inspection, service and maintenance is possible through inspection doors and panels. All single elements, which are crucial for the correct functionality of the machines, are easily removable for extraordinary maintenance, if needed: generators, fuel tank, cooling system, control panel.



- External quick fit connector and fuel refilling with lockable door
- ISO lifting hooks and roof access staircase
- Power connection by bus bar, power lock, sockets combinations
- Sea shipment certificate



- Main access with double door to pull out/replace genset in fast and easy way
- Removable panel allowing easy tank extraction
- Cooling system: service door and removable panel for ordinary and extraordinary maintenance
- Possibility remove and replace control panel from roof opening

## Technical data

<b>Model</b>	1400V
<b>Prime Power (kVA)</b>	1252
<b>Engine</b>	Volvo
<b>Alternator</b>	Mecc Alte
<b>Fuel Tank (l)</b>	1800
<b>Emission Level</b>	Stage 2
<b>Dimension (LxWxH mm)</b>	6060x2438x3095
<b>Dry weight (kg)</b>	15650

# Special solutions

A flexible product design satisfies customer's needs and requirements. Pramac presents indeed a range of generators in special solutions. The GPW and GRW series are available in standard and super silent versions lowering noise emissions with the same generator performance.



## EXTRA SILENT

- Extra silent versions available utilising a special roof design to achieve ultra-low noise emissions, maintaining the same footprint
- Exhaust noise reduction thanks to high performance-silencer
- High quality soundproofing material

## SUPER SILENT

The Supersilent version of the GRW series is able to meet the most demanding customer needs of quietness. It is the ideal solutions for applications like event, concerts, sport or for any usage within residential areas.





# Deep Sea controllers

Pramac features Deep Sea control units across his innovative product lines to increase reliability and flexibility with a user-friendly interface.

Generator set controllers play a key role in management and proper operation of power system:

- Help to protect the generator set from possible failure, guaranteeing high reliability and quick power response in all key applications
- Reduce and optimize operation and maintenance costs thanks to complete monitoring of several parameters and scheduling maintenance alarms
- Monitor generator sets anywhere 24/7, protecting genset against theft or movement using GPS

## SYNCHRONISING & LOAD SHARING AUTO START CONTROL MODULES

The DSE controllers represent the latest in complex load sharing & synchronising control technology. Designed to handle the most complex grid type generator applications these modules are packed with multiple features and benefits that are unrivalled across the generator control industry.



## AUTO MAINS (UTILITY) FAILURE CONTROL MODULES

DSE presents a powerful, new generation Auto Mains (Utility) Failure genset control module with a highly sophisticated level of new features and functions, presented in the usual DSE user-friendly format. These controllers are suitable for a wide variety of single, diesel or gas genset applications.





### **Pramac is always by your side, with a dedicated after sales support**

As a global company, the after sales team is made of people from different part of the world; this diversity and shared knowledge is an added value for the company and the customers as well.

Pramac assists customers providing service division offers, interventions on field, installations, repairing and rewinding support. The highly trained engineers and technicians undergo continuous training and quality programs, ensuring complete accordance with technical, quality, and regulatory standards.

Service and Parts indeed offers trainings and learning tools to help dealers and customers improving their product's technical knowledge and operational skills.

# A **global network** for a wide offer of **parts** and **after sales** support



## **Spare parts kit special offer**

On-line spare parts order and interactive spare parts catalogues



## **Certified operators**

Dedicated training programs for users, maintenance and after sales service



## **Service support**

Worldwide approved service network



## **Manuals and guides**

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



## **Scheduled maintenance kits**

Personalised solutions with 24/7 on call service



## **Online assets**

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



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