

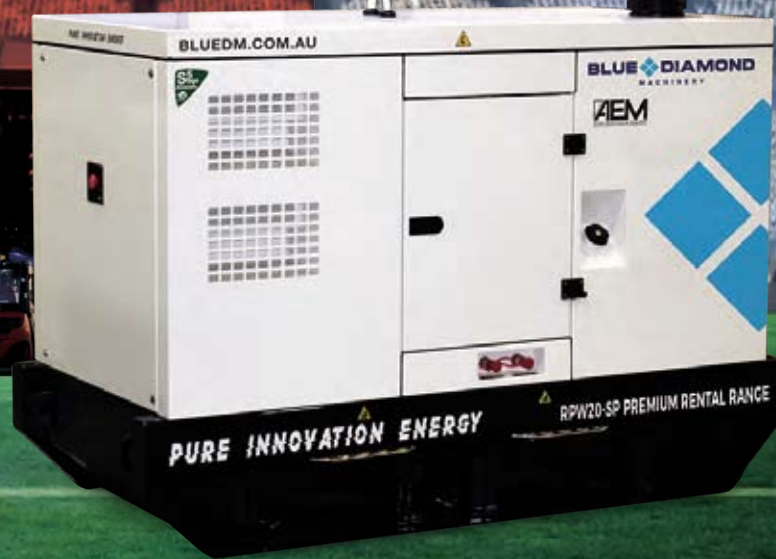


RPW20SP/NC

Premium Rental Range

20 KVA
1500 RPM
400/230V.
50 HZ.

Made Exclusively
in Europe for
Blue Diamond
Machinery



ROBUST &
RELIABLE



360°
SERVICE



PREMIUM
EQUIPMENT



TAILORED
MANUFACTURING



FRIENDLY
USE

**INDUSTRIAL RANGE POWER,
RELIABILITY AND WARRANTY**

PURE INNOVATION ENERGY

Premium Rental Range Key Features

20 KVA
1500 RPM
400/230V.
50 HZ.

Model: RPW20SP/NC
20 KVA • 50 Hz Generator

These units have been customised for the Australian rental market, including:



Massive 100 Hour Run time!
(Based on 75 percent load @ 4L/hr
400L capacity)

Quiet Operation - Noise Level only 58dB ±2 at 7m



- COMAP MRS16 module RS232-485
- Premium Sound Proofing
- Low coolant sensor
- Emergency stop on control panel
- Fuel level gauge on tank
- MCB Lockable
- Hour meter
- Battery disconnecter LS13001-01
- Priming high end paint canopy
- Galvanised canopy
- 4 pole breaker
- Electronic differential
- AVR located on control panel
- BUSBAR (30-700KVA)
- Door safety micro-switch for disconnecting
- General circuit breaker when busbar door opening
- Recess for IP66 Australian sockets
- Battery disconnecter
- Sealed frame with draining liquids
- Screwed caps
- Removable high capacity fuel tank
- Compartmentalised / subdivided fuel tank to avoid fuel movements in transport
- Opening box for easy cleaning of fuel tank
- 6 ways electrical valve with external quick plugs of fuel 1/2"
- Forklift holes
- Anti shock protection for manipulating with forklift
- Perforated sheet covering the whole canopy internally
- Water filter separator radiator access door

Premium Rental Range Specifications

20 KVA
1500 RPM
400/230V.
50 HZ.

Model: RPW20SP/NC

20 KVA • 50 Hz Generator

Engine

Perkins 404A -22G



Alternator

Stamford - SOL2G1



| Power | PRP | LTP |
|--------------|-----|------|
| Power in kVA | 20 | 22 |
| Power in KW | 16 | 17,6 |

| General Specifications | |
|------------------------|---------------|
| Noise Level | 58dB ±2 at 7m |
| Revolutions [RPM] | 1500 |
| Voltage(s) [V] | 400/230 |
| Frequency [Hz] | 50 |
| Cos (ϕ) [0-1] | 0,8 |

Legend

- PRP (Prime Power): Maximum power supplied by the generating set for continuous periods of time and with variable loads.
- LTP (Limited Time running Power): Maximum power supplied by the generator for short and punctual emergency use periods. Generally about 10% more power of the PRP.
- KVA (Kilovolt-ampere): The most common unit for measuring the power of a generator. 1 KVA is equivalent to approximately 0.8 kilowatts power.

Massive 100 Hour Run time!

(Based on 75 percent load @ 4L/hr 400L capacity)

Quiet Operation - Noise Level only 58dB ±2 at 7m

| Consumption | Litres/hour |
|-------------|-------------|
| 25% | - |
| 50% | 2,9 |
| 75% | 4 |
| 100% | 5,3 |

| Measurements | Weight |
|------------------|--------|
| Length (L) [mm] | 2240 |
| Width (W) [mm] | 1000 |
| Height (H) [mm] | 1645 |
| Volume [m3] | 3,7 |
| Weight [KG.] | 1200 |
| Fuel tank [L] | 400 |
| Autonomy 75% [h] | 100 |

Premium Rental Range Control System

20 KVA
1500 RPM
400/230V.
50 HZ.

Model: RPW20SP/NC
20 KVA • 50 Hz Generator



InteliLite MRS 16 Controller for
single gen-set applications

Product description

- Single Gen-set controller for Prime-power applications
- Direct communication with EFI engines
- Total remote monitoring and control

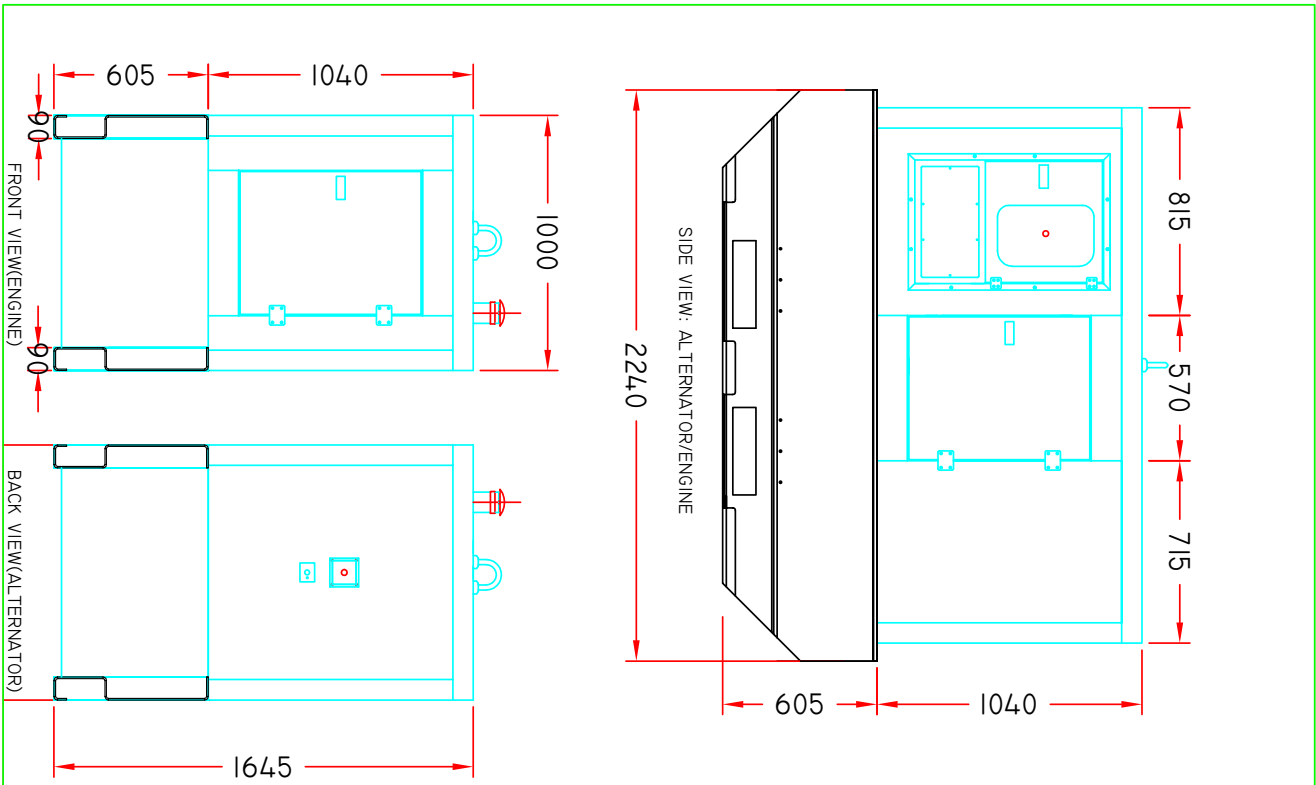
Key Features

- 5 languages in the controller & translator functionality
- 3 levels of password
- 3 sets of alternative configurations
- Magnetic pickup
- ECU support & Tier 4 Final ready
- STAGE V support
- Cloud-based monitoring and control via WebSupervisor
- Geo-Fencing and tracking via WebSupervisor
- Plug-in module concept for more capabilities (RS232, RS485, Ethernet, GPRS, 4G/LTE, Modbus, SNMP, emails, SMS, I/Os)
- 2 slots for plug-in modules
- CAN modules support
- Power over USB for controller's adjustment
- In-built PLC, complemented with a monitoring/debugging tool
- 8 binary outputs, 8 binary inputs, 4 analog inputs
- 2 high-current binary outputs

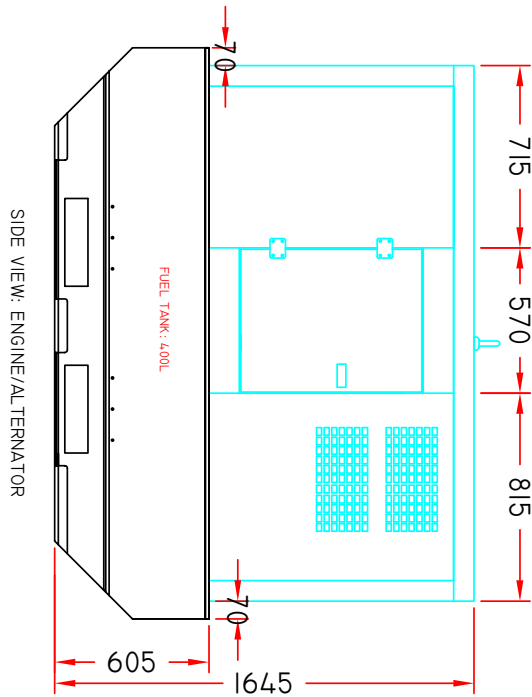


- Run Hours source selector
- Activation of outputs based on inputs/power/temperature
- Real time clock
- Multipurpose flexible timers (also for rental)
- Comprehensive history log with up to 350 events
- Dual Application: control of Gen-set, transfer switch and alternation
- 3 maintenance timers (counting even under zero)
- Possibility to disable protections
- Modbus register mapping possibility
- Adjustable Main Screen
- A version for low temperature is also available

Premium Rental Range Canopy Design



Model: RPW20SP/NC 20 KVA • 50 Hz Generator



| | | | |
|---------------|---|---------------------------------------|--|
| 2021 | DATE | NAME | |
| DRAWN | 09-Jul-21 | S. Albaladejo | |
| EXAMINED | | | |
| VERIFIED | | | |
| SCALE | DIMENSIONS OF SOUNDPROOFED 20KVA RENTAL GENSET ENGINE PERKIN 404A-22G1 ALTERNATOR STAMFORD SOL2G1 | | |
| REPLACES TO: | | ALTERNATIVAS ENERGETICAS MURCIA, S.L. | |
| REPLACES FOR: | | NºCSIRWZ100V2SID1-N1 | |