



RPW100SP/NC

Premium Rental Range

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

Made Exclusively
in Europe for
Blue Diamond
Machinery



ROBUST &
RELIABLE
ROBUSTO
& FIABLE



360°
SERVICE
SERVICIO
360°



PREMIUM
EQUIPMENT



TAILORED
MANUFACTURING



FRIENDLY
USE

**INDUSTRIAL RANGE POWER,
RELIABILITY AND WARRANTY**

PURE INNOVATION ENERGY

Premium Rental Range Key Features

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

Model: RPW100SP/NC
100 KVA • 50 Hz Generator

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



Massive 33.4 Hour Run time!
(Based on 75 percent load @ 17.1L/hr
570L capacity)

Quiet Operation - Noise Level only 67dB ±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

100 KVA
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100 KVA • 50 Hz Generator

Engine

Perkins 1104C -44TAG2



Alternator

Stamford - UC1274C



Power	PRP	LTP
Power in kVA	100	110
Power in KW	80	88

General Specifications	
Noise Level	67dB ±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 33.4 Hour Run time!

(Based on 75 percent load @ 17.1L/hr 570L capacity)

Quiet Operation - Noise Level only 67dB ±2 at 7m

Consumption	Litres/hour
25%	-
50%	11.8
75%	17.1
100%	22.6

Measurements	Weight
Length (L) [mm]	3140
Width (W) [mm]	1100
Height (H) [mm]	2005
Volume [m3]	6.9
Weight [KG.]	2400
Fuel tank [L]	570
Autonomy 75% [h]	33.3

Premium Rental Range Control System

100 KVA
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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

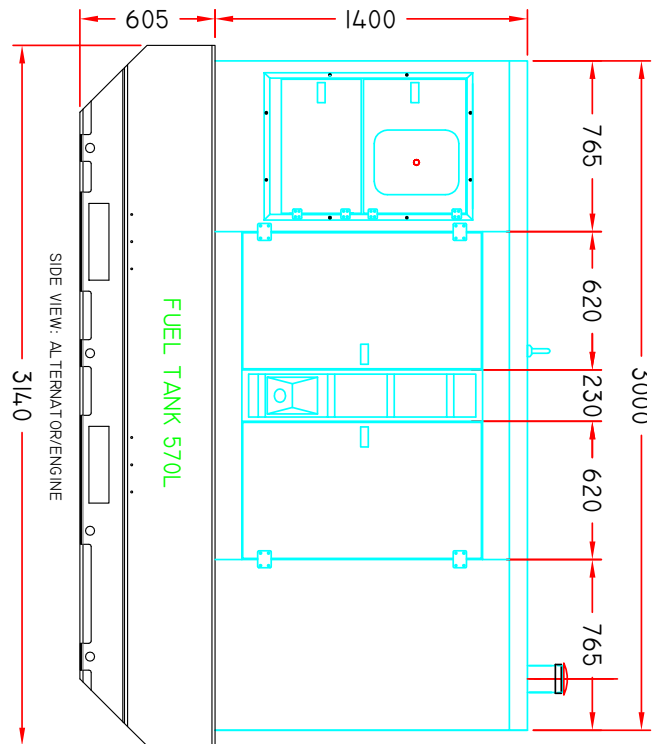
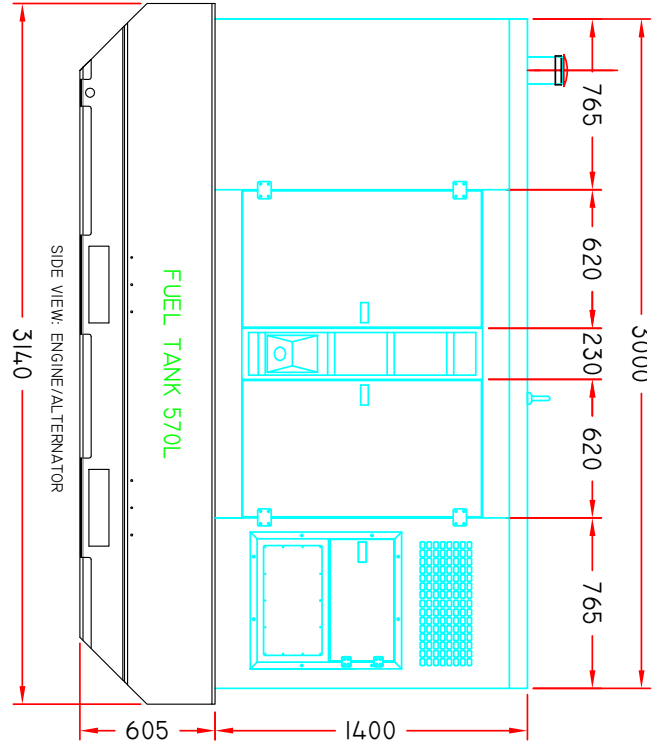
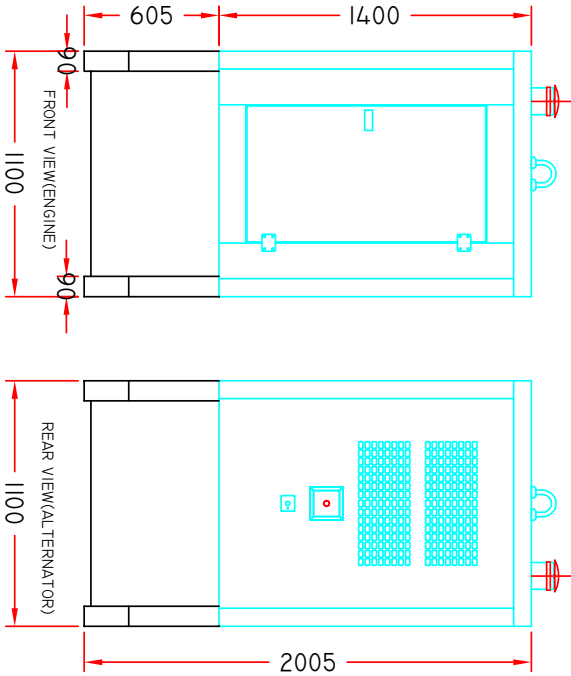
- 5 languages in the controller & translator functionality
- 3 levels of password
- 3 sets of alternative configurations
- Magnetic pickup
- ECU support & Tier 4 Final ready
- STAGE V support
- Cloud-based monitoring and control via WebSupervisor
- Geo-Fencing and tracking via WebSupervisor
- Plug-in 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: RPW100SP/NC 100 KVA • 50 Hz Generator



2021	DATE	NAME	
DRAWN	23-Jul	S. Albaladejo	
EXAMINED			
VERIFIED			
SCALE	INSTALLATION AND DIMENSIONS OF SOUNDPROOFED 100KVA RENTAL GENSET ENGINE PERKIN 1104C-4.4 TAG2 ALTERNATOR STAMFORD UC127L-C		
	ALTERNATIVAS ENERGÉTICAS MURCIA, S.L. NºCSIRW3000V2SID1100-7 REPLACES TO: REPLACED FOR:		

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