



RPW150SP/NC

Premium Rental Range

150 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

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

Model: RPW150SP/NC
150 KVA • 50 Hz Generator

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



Massive 34.4 Hour Run time!
(Based on 75 percent load @ 24.7L/hr
850L capacity)

Quiet Operation - Noise Level only 72dB ±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

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

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Engine

Perkins 1106A -70TG2



Alternator

Stamford - UC1274F



| Power | PRP | LTP |
|--------------|-----|-----|
| Power in kVA | 150 | 165 |
| Power in KW | 120 | 132 |

| General Specifications | |
|------------------------|---------------|
| Noise Level | 72dB ±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 34.4 Hour Run time!

(Based on 75 percent load @ 24.7L/hr 850L capacity)

Quiet Operation - Noise Level only 72dB ±2 at 7m

| Consumption | Litres/hour |
|-------------|-------------|
| 25% | - |
| 50% | 16.4 |
| 75% | 24.7 |
| 100% | 33.4 |

| Measurements | Weight |
|------------------|--------|
| Length (L) [mm] | 3890 |
| Width (W) [mm] | 1180 |
| Height (H) [mm] | 2275 |
| Volume [m3] | 10.4 |
| Weight [KG.] | 2750 |
| Fuel tank [L] | 850 |
| Autonomy 75% [h] | 34.4 |

Premium Rental Range Control System

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

Model: RPW150SP/NC
150 KVA • 50 Hz Generator



InteliLite MRS 16 Controller for
single gen-set applications

Product description

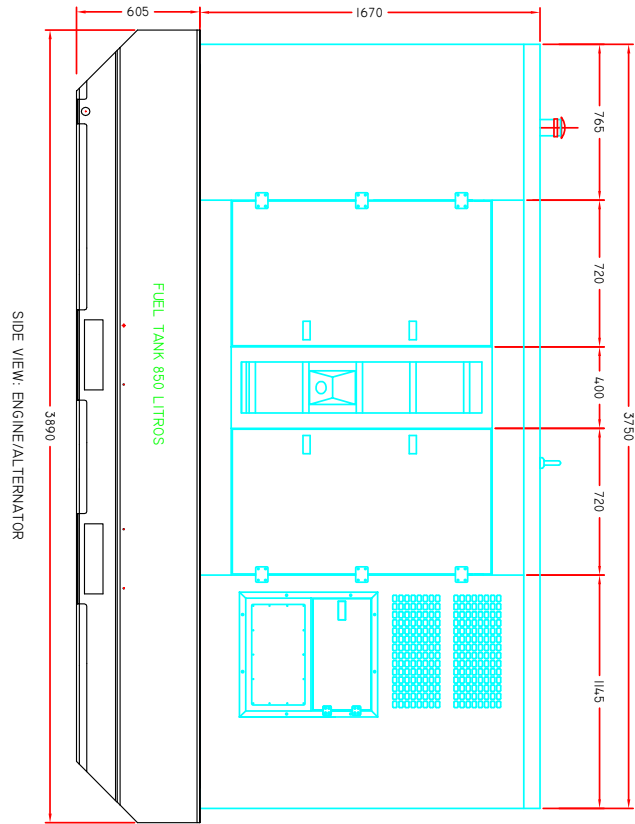
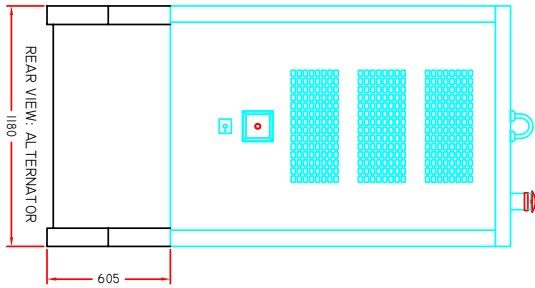
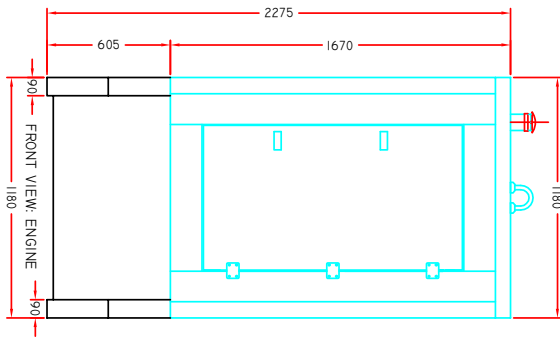
- Single Gen-set controller for Prime-power applications
- Direct communication with EFI engines
- Total remote monitoring and control

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

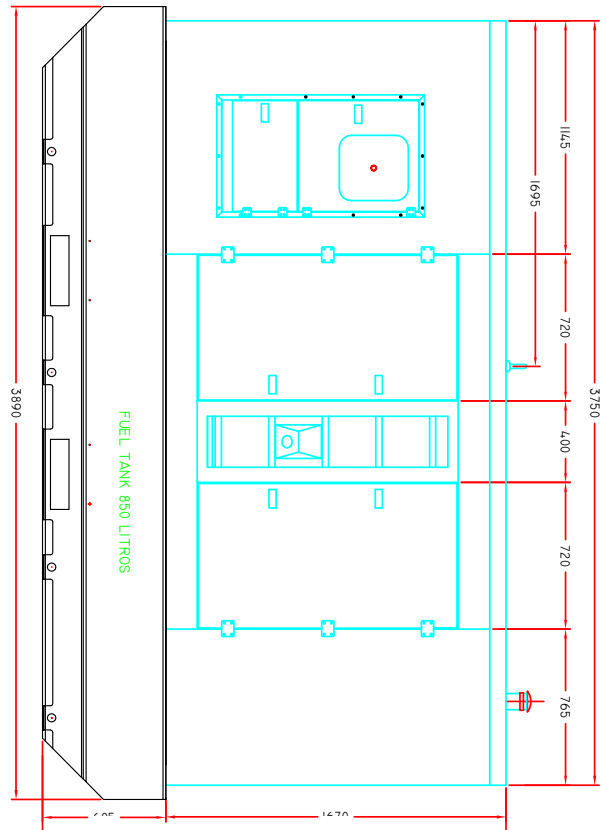


Premium Rental Range Canopy Design



Model: RPW150SP/NC

150 KVA • 50 Hz Generator



| | | |
|-----------------|---|----------------------|
| 2021 | DATE | NAME |
| DRAWN | 06-Jul. | S. Albaladejo |
| EXAMINED | | |
| VERIFIED | | |
| SCALE | INSTALLATION AND DIMENSIONS OF SOUNDPROOFED 150KVA -200KVA GENSET RENTAL ENGINE PERKIN 1106A-70TG2/G4 ALTERNATOR UC1274-F/H | |
| | | |
| | ALTERNATIVAS ENERGETICAS MURCIA, S.L. | |
| | Nº CSIRV3750V1SID-6 | |
| | REPLACES TO: REPLACED FOR: | |