



Specification

GS012-ETT GENERATOR SET

OVERVIEW

Unit

Rated Output	12.1kVA Prime 13.3kVA Standby
Rated Voltage / Frequency	415VAC / 50Hz 3-Phase
Engine	3TNV70
Fuel Tank Capacity	40L
Runtime @ Prime Rating	10.5hrs (approx)
Dimensions (L x W x H)	1300 x 640 x 840 mm (760 mm height w/o fork pockets)
Weight	436 kg (wet)



Key Features

- Compact high-output design
- Premium sound-attenuated, all-weather enclosure
- Brushless AVR alternator
- Output Selector Switch – 3-position: Socket Outlet Mode / Isolated (OFF) / Hardwire Mode, with Automatic MEN Management
- Hardwire-ready load centre
- Advanced generator and engine protection with shunt-trip main circuit breaker
- Australian Industrial Socket Outlet Configuration:
3 × 15A, 240V, 3-pin, Single Phase
1 × 20A, 415V, 5-pin, Three Phase
- Individual RCBO protection for each socket outlet
- Mecc Alte GC250 digital generator controller
- Two-wire remote start capability
- 250-hour service interval
- Heavy-duty dual-element air cleaner
- Dual-stage fuel filtration with water separator
- Emergency stop
- Externally mounted, lockable battery isolator
- Centre lifting point, and removable fork pockets
- Australian-developed for local conditions
- Japanese-manufactured

TECHNICAL SPECIFICATIONS

Electrical Specifications

Prime Power	12.1kVA
Standby Power	13.3kVA
Voltage	415VAC
Frequency	50Hz
Phase	Three Phase
Power Factor	0.8
Engine Speed	3000rpm
Alternator	Brushless AVR
Total Harmonic Distortion (THD)	3.5% (No Load), 2.5% (Full Load)
Generator Controller	Mecc Alte GC250
Operating Modes	Manual / Auto Start
Remote Start	2-Wire
Measured Parameters	Voltage, Current, Frequency, Power, Engine Speed, Running Hours
Engine Protection	Low Oil Pressure Shutdown, High Coolant Temperature Shutdown
Generator Protection	Over Current, Over/Under Voltage, Over/Under Frequency, Shunt-Trip Main Circuit Breaker

Engine & Fuel System

Engine Model	3TNV70
Engine Type	Water-Cooled, 4-Cycle Diesel
Number of Cylinders	3
Displacement	0.854L
Cooling System	Liquid Cooled
Starting System	Electric
Charging System	12V – 20A
Fuel Tank Capacity	40L
Fuel Consumption @ Prime Rating	3.7L/hr (Approx.)

Dimensions & Installation

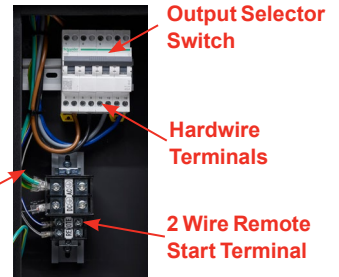
Length	1300mm
Width	640mm
Height	840mm
Wet Weight	436kg
Lift Point	Single Centre Lift
Mounting	Four-Point Base Mounting (with or without fork pockets)

Available Options



BUNDED BASE

Dealer-fit environmental bund providing 110% fluid containment for environmentally sensitive applications.

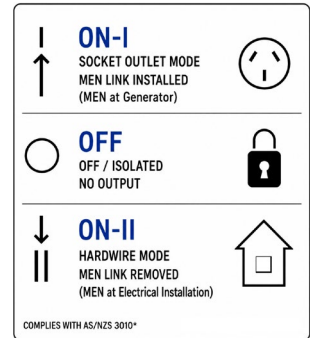


Three Operating Modes

- Socket Outlet Mode
- Isolated (OFF)
- Hardwire Mode

Automatic MEN Management

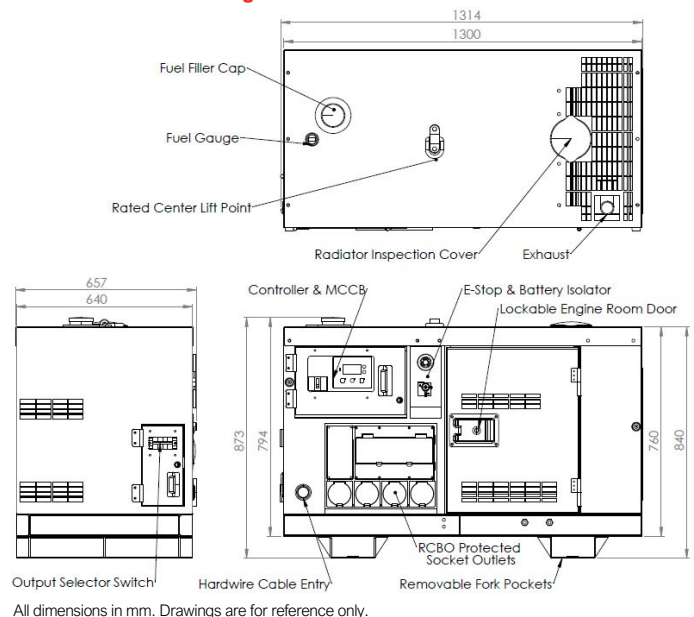
Automatically configures the neutral-earth connection to suit the selected operating mode.



IMPORTANT

Hardwire connection must be carried out by a licensed electrician in accordance with the applicable standards and regulations of the state or territory of installation.

Dimensional Drawings



All dimensions in mm. Drawings are for reference only.



LOCKABLE FUEL CAP

Improves fuel security for unattended and remote installations.

DEALER DETAILS