

# GEP88-3

**Diesel Generator Set**  
**Exclusively from your Cat® Dealer**

## TECHNICAL DATA

Output Ratings:	400V, 50Hz
Frequency:	50 Hz 60 Hz
Prime*	80.0 kVA 64.0 kW
Standby*	88.0 kVA 70.4 kW

## ENGINE

Make & Model:	Perkins 1104A-44TG2
No. of Cylinders/Alignment:	4 / In Line
Cooling Method:	Water
Governing Type:	Mechanical
Governing Class:	ISO 8528 G2
Compression Ratio:	17.25:1
Displacement:	4.4l (268.5 cu.in)
Circuit Breaker Type:	3 Pole MCCB

## BASIC UNIT

Fuel Tank Capacity:	250l (66.9 US gal)
Consumption:	100% load
Prime:	21.7.0 l/hr (5.7 US gal/hr)
Standby :	23.8 l/hr (6.3 US gal/hr)
Engine Speed:	RPM 1500

## ALTERNATOR

Manufacturer:	OLYMPIAN
Model:	LL3114D
Insulation Class:	H
Wires:	12
Ingress Protection Rating:	IP23
Excitation System:	SHUNT
AVR Model:	R250

## ALTERNATOR OPERATING DATA

Overspeed:	RPM 2250
Voltage Regulation (steady state):	+/- 0.5 (%)
Wave Form NEMA = TIF:	50
Wave Form IEC = THF:	2.00%
Total Harmonic Content LL/LN:	2.00%

## DIMENSIONS & WEIGHT

Length:	1925MM (75.8 inch)
Width:	1120mm (44.1 inch)
Height:	1361mm (53.6inch)
Weight:**	1058kg (2332 lb)

## SOUND PRESSURE LEVELS @ 100% LOAD

	1m	7m	15m
Prime	77.0	65.1	59.1
Stand-by	77.4	65.8	59.8



\* Ratings at 0.8 Power Factor

\*\* Weight excludes fuel, lube, oil, coolant & canopy

# OLYMPIAN™



## FEATURES

**GEP88-3 Canopy Generator enclosure, designed to resist corrosion and handling damage, Weatherproof & sound attenuated.**

## DURABLE AND ROBUST

- Manufactured from galvanized steel
- Advanced powder coating paint finish
- Single piece main roof
- Base frame extends beyond enclosure protecting against handling damage.
- Minimal external fixings exposed to environment
- Zinc plated fasteners
- Corner posts and air handling units manufactured from high grade composite material

## EXCELLENT SERVICE AND MAINTENANCE ACCESS

- Side hinged doors on both sides of the enclosure incorporating lift-off hinges at 45 degrees
- Radiator fill via removable, flush mounted rain cap fitted with compression seal
- Lube oil cooling water drains piped to baseframe side rail, on exterior
- Removable end panels allow access to radiator, exhaust outlet and alternator plus doors positioned for optimum access of frequently service items

## SECURITY & SAFETY

- Secure, lockable doors prevent unauthorized access to control panel, fuel fill and battery
- Emergency stop button mounted on exterior, convenient to control panel
- Cooling fan and battery charging alternator fully guarded

**Various other sized Gensets available ranging from 11kVa upwards. Contact Us to Find Out More.**

**GOUGH**  
POWER SYSTEMS



# OPTIONS



## TRAILER OPTIONS:\*

- Hot Dipped Galvanised Steel Frame
- LED Multi Volt Lighting System
- Hydraulic Brakes
- Option Tool/Cable Box



## OTHER OPTIONS INCLUDE:

- Lifeguard/Powerlock unit with 3 phase & single phase options
- Extended Range Fuel Tanks
- Bulk Fuel Tank Installation
- Jacket Water Heater
- Battery Charger



**CTI / ATI AUTO TRANSFER PANELS  
AVAILABLE FROM 63 - 800A**

\* Trailers may vary depending on requirements

# OLYMPIAN™

## TRANSPORTABILITY

- Tested and certified single point lifting facility
- Lifting and drag points on base frame facilitating handling from both sides.

## DIGITAL CONTROL

- The PowerWizard digital control panel range combines straight forward menu navigation with advanced metering and protection technology. This panel incorporates genset start up when used in conjunction with CTI/ATI Auto Transfer.
- PowerWizard allows you to monitor and control your generating set with ease, whilst ensuring your unit operates within safe parameters and provides important diagnostic information



## WARRANTY - OLYMPIAN

- Standard warranty is 12 months from the date of delivery to the first user. An extended warranty period of 24 months from date of delivery to the first user applies to standby applications with hours less than 500

**Affordable Service and Maintenance  
packages available, as well as Finance  
Options to suit your needs.**

**0800 228 769**  
**www.catpower.co.nz**  
Branches nationwide

