

GPR SERIES

PERKINS Powered
Diesel Generator

GENPOWER®

GENERATOR

GPR 2250

Engine Speed rpm	Frequency Hz	Type of Operations	Genset Power		Engine Power (Net)	
			kVA	kW	kWm	bbh
1500	50	Prime Power	2080	1664	1684	2257
		Standby Power	2250	1800	1894	2538

STANDARD SPECIFICATIONS

Engine

- PERKINS Heavy duty diesel engine
- Revolution: 1500 rpm
- Water cooled
- Tropical type radiator

Alternator

- VDE 0530 & IEC 34-1 standardizations
- Synchron type brushless
- Automatic voltage regulation (AVR)
- Overload acceptance: 110% for 1 hour, 150% for 2 minutes
- Short circuit resistance: 300 for 10 seconds
- Insulation class: H
- Insulation resistance: 1800 VAC
- Voltage: 230/400 V
- Voltage regulation: $\pm 0,5\%$
- Protection class: IP23
- Power factor (cosq): 0,8
- Frequency: 50 Hz

Manuel Control Panel

- Microprocessed Electronic Control Panel
- Relays
- Protection fuses
- Thermic magnetic circuit breaker (TMS) 3-pole
- Emergency stop button

Automatic Control Panel

- Microprocessed AMF Electronic Control Panel
- Protection fuses
- Battery charger
- Power Transfer (For ATS)
- Emergency stop button

Chassis

- Mounted on the steel base chassis
- Elastic vibration dampers between engine and chassis
- Chassis integrated fuel tank
- Dial type mechanical fuel indicator

Canopy

- Easy lifting and moving
- Metal parts are coated with electrostatic polyester coated, powder painted
- Thermally insulated exhaust system
- Acoustic insulation with rot*proof, moisture-repellent and non-flammable material (per DIN 4102 A2)



ENGINE

Make	PERKINS
Model	4016-61TRG2
Number of Cylinder	16
Cylinder arrangement	60°V
Cycle	4 stroke
Aspiration	Turbocharge WAC*
Combustion system	Direct injection
Compression ratio	13.6:1
Bore and Stroke	mm 160 x 190
Displacement	lt 61,123
Cooling System	Water Cooled
Total coolant capacity	lt 237
Total lubrication	lt 316
Governor Type	Electronic
Electric System	24 VDC

Fuel Consumption %50 Loaded	lt/h 216
Fuel Consumption %75 Loaded	lt/h 337
Fuel Consumption % 100 Loaded	lt/h 421
Fuel Tank Cap.	lt 3500

DIMENSIONS

Width w/o Canopy	mm 3200
Lenght w/o Canopy	mm 12000
Height w/o Canopy	mm 4500
Weight w/o Canopy	kg 15750

TECHNICAL SPECIFICATIONS

* AAC (Air-to-Air-Cooling): Charged hot air by turbo is cooled by the air radiator in the system.

** WAC (Water-to-Air-Cooling): Charged hot air by turbo is cooled by water in the cooling system.

GENPOWER, reserves the right to modify the characteristics of it's product at any time in order to incorporatie the latest technological developments.