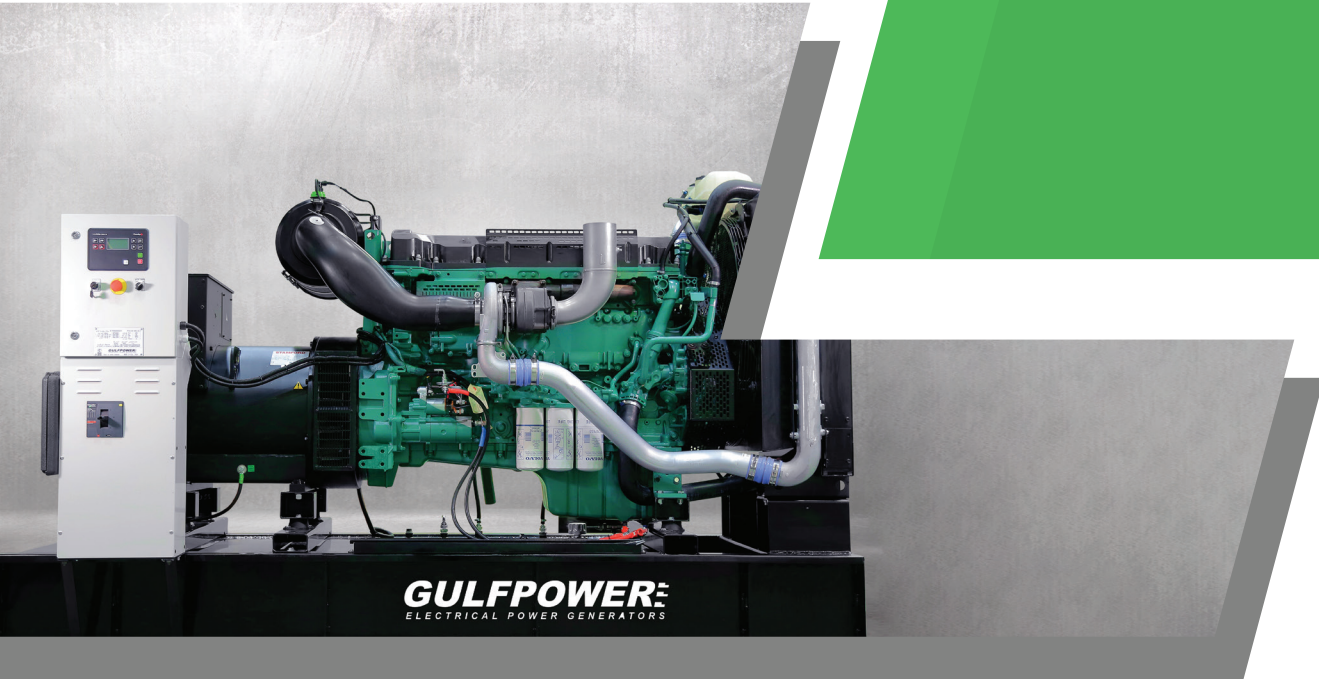


**GULFPOWER**  
ELECTRICAL POWER GENERATORS



**GPC3400-60**



[www.gulfpower.com.sa](http://www.gulfpower.com.sa)  
CALL CENTER 920002985

**GULFPOWER**



# GPC3400-60

## Why GULFPOWER?

- Proudly a Saudi Product

GULFPOWER Generator set are proudly assembled in Saudi Arabia with the highest quality by being the first Generator set factory in Saudi Arabia achieving the SASO certificates and supporting the local content in line with the Saudi 2030 Vision.

- Single Source Responsibility

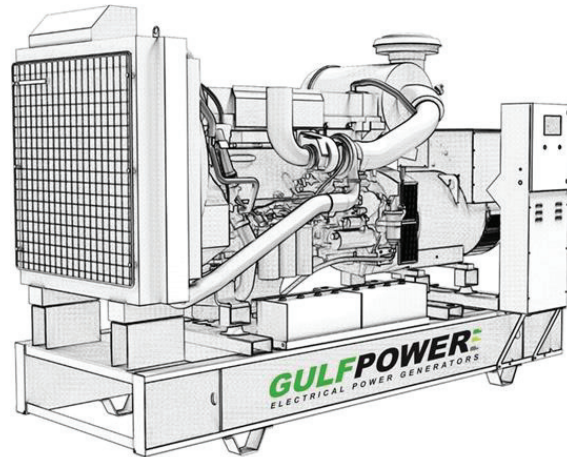
GULFPOWER provides one-source responsibility for the Diesel Generator Sets , Panels ( ATS , Sync , MDB ) , accessories ( Fuel systems, Tanks , Cables ... etc., ) , Generator set rental , Special studies , turnkey installation project And Strong qualified engineers to support you with the best solutions.

- Generator set designed for the harsh environment

GULFPOWER Generator set designed to handle the harsh weather in MENA region specially in Saudi Arabia, GCC and Egypt (hot weather and high humidity)

- Product with our own design

GULFPOWER has its own R&D and engineering team to make the perfect design for Generator set matching the customer requirements.



60Hz	Standby		Prime	
	kVA	kW	kVA	kW
400V	3400	2720	3060	2448
380V	3400	2720	3060	2448

\*The above ratings represent the performance according to conditions specified in ISO 8528/1, ISO 3046/1:1986, and BS5514/1. Derating may be required for conditions outside these; consult GULFPOWER for further info.

### Ratings Definition

- Emergency standby power (ESP)  
Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. Emergency Standby Power (ESP) is in accordance with ISO 8528. Fuel Stop power in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.
- Prime power (PRP)  
Applicable for supplying power to varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528. Ten percent overload capability is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514

\* This Generator set is built in ISO 9001 certified facility

## Engine Specification:

Engine Make	Cummins
Engine Model	QSK78-G8
Engine Speed	1800 RPM
Max. Gross Power	2957 KW
Engine Type	4 Cycle; Vee; 18 Cylinder Diesel
Aspiration	Turbocharged & Low Temp. After cooled
Bore and Stroke	(6.69 x 7.48) Inch 170 x 190 mm
Displacement	77.6 Liter
Compression Ratio	15: 5 : 1
Dry Weight – Fan to Flywheel Engine (Approximate)	9220 kg
<b>EXHAUST SYSTEM</b>	
Maximum Back Pressure	7 (kPa)
<b>COOLING SYSTEM</b>	
Jacket Water Circuit Requirements	
Coolant Capacity – Engine only without radiator	166.6 L
Standard Thermostat (Modulating Range)	82 - 93 °C
Maximum Top Tank Temperature	104 °C
Minimum Pressure Cap	76 kpa
<b>LUBRICATION SYSTEM</b>	
Oil Capacity with Standard Oil Pan : Low – High	352.4– 412.6 Liter
Maximum Oil Temperature	121 °C
<b>ELECTRICAL SYSTEM:</b>	
Starting Motor	24 Volts
<b>FUEL SYSTEM</b>	
Injection Type	Cummins HPI-PT
Fuel Injection Pump	Cummins HPI-PT
Governor	Electronic

## Alternator Specification:

Make	Stamford
Model	LV804-T W13
Type	Brushless
Excitation System	Self-Excited With PMG
Voltage Regulation	± 1 %
Insulation Class	Class H
Temperature Rise	Class H
Stator Winding	Double layer LAP
Winding Pitch	2/3
IP protection	IP23
Bearings	Single
Over speed	125%
Standards	BS5000-3, NEMA MG1-32, ISO8528-3, CSA C22.2 100

FUEL CONSUMPTION		
%	Liter/ hour	US Gal/ hour
<b>STANDBY POWER</b>		
100	701	185.3
<b>PRIME POWER</b>		
100	634	167.6
75	500	132.1
50	352	93

## Standard Features

- Lead acid Batteries
- Battery charger.
- Forklift Opening & Crane Lifting Point.
- Auto-Manual digital Controller.
- Anti-Vibration Mounting between Engine/Alternator and skid.
- 3 Pole Circuit Breaker.
- Industrial grade silencer for Open Type set.
- Critical grade silencer for the Close type.

## Optional:

- Synchronization Control panel – different Varieties.
- Four Pole Circuit Breaker.
- Critical / Hospital Grade Silencer for Open Type Set.
- Annunciator Panel.
- Anti-condensation Heater
- Jacket Water Heater.
- Alternator Winding Temperature Sensor.
- Bearing Temperature Sensor.

## DIMENSIONS AND WEIGHT

**Canopy Type Dimension:** W= 3700, H=4500, L = 12454 mm

**Open Type Dimension:** W= 2897 H= 3931, L = 6765 mm

**Open Type Weight:** 23297 Kg

**Canopy Type Weight:** 38797 Kg

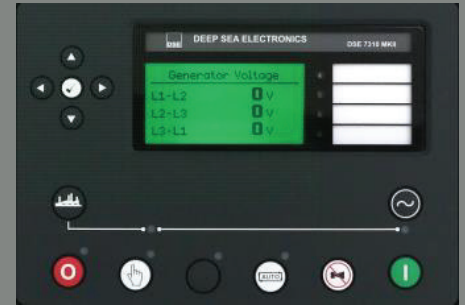
**Without Base Tank**

**NOTE: Contact GULFPOWER team for more detailed information about Generator set dimension.**



**For Inquiries**

## CONTROL PANEL



### Digital Controller:

These controllers are easy to use and feature

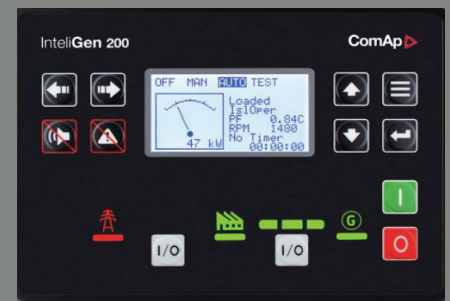
An intuitive user interface with graphic Display. The built-in event and performance

Log with backed-up real time clock makes

Troubleshooting even simpler.

- o 3 phase generator protections
- o True RMS current measurement
- o Power Measurements
- o Event Performance log + RTC
- o User Interface
- o Communication Interfaces

\* Please refer to Data sheet for details.



### IntelGen 200

Is a comprehensive controller for both single and multiple gen-sets operating in standby or parallel mode.

- Automatic synchronizing and Power control
- Base load Import/ Export
- Peak shaving
- Integrated PLC programmable functions
- Event based history

\* Additional Controlling solution are available, please consult GULFPOWER team for more information.