

# Better Power, Greener Future

India's Leading Gas Powered Genset

**CPCB IV+**

125 kVA  
Gas Powered Genset



Lowest  
Operating  
Cost



No Fuel  
Handling



Environment  
Friendly



Zero  
Pilferage

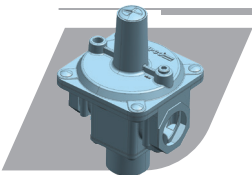
# ABOUT POWEROL

Year 2002, Mahindra and Mahindra entered the field of power generation through its engines under the brand name Mahindra Powerol. The same engines are today powering Diesel Generating Sets ranging from 5kVA to 1250kVA. Mahindra Powerol is also widely acclaimed for its fuel efficiency and quick customer response. It's a name trusted by leading players in industries.

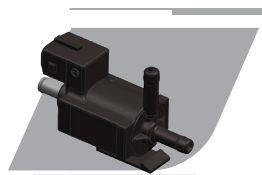
Within a short span of time, Mahindra Powerol has garnered immense customer trust which shows its level of commitment and customer centric approach. Presently, more than 600,000 Powerol gensets are powering different industries and applications in Indian and overseas markets. Mahindra Powerol, through its technology & service has taken giant strides in the engine and genset industry. In a little over a decade, it has also expanded its footprint to South East Asia, Far East, Middle East, Africa and Europe. To know more please visit [www.mahindrapowerol.com](http://www.mahindrapowerol.com)

## India's Leading Gas Powered Genset

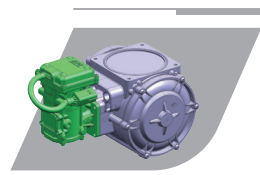
Mahindra, with its core engineering strengths and its commitment to contributing towards cleaner environment, has led India in developing gas powered genset compliant to CPCB IV+ Norms.



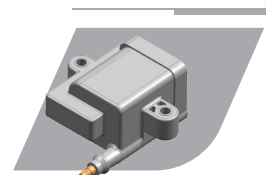
Zero Pressure Regulator



Fuel Control Valve



Gas Air Mixer



High Tension Ignition Coil

## USP:

- Compact and light weight Gas Genset.
- Lowest emissions and good reliability due to precision control electronic management system of Engine and Genset.
- Lower Fuel (Gas) consumption due to Dual -Diaphragm mixer Technology.
- Quick start enabled Genset due to fuel ( Gas) high energy coil feature.
- Real time updates on run hours, maintenance status to customer due to IOT feature.
- Lowest Noise Engine / Genset due to gas operations.
- Best in class service network & support.

## Technical Specifications

| Genset Rating (kVA)                           |  | 125                       |
|---|--|---------------------------|
| Duty (Standby/ Prime)                         |  | Prime                     |
| Power Rating @ 100% - kWe                     |  | 100                       |
| No. of Phases                                 |  | 3                         |
| Output Voltage (V)                            |  | 415V                      |
| Power Factor (lagging)                        |  | 0.8                       |
| Current (A)                                   |  | 174                       |
| Frequency (Hz) & RPM                          |  | 50/1500                   |
| Genset dimensions (L x W x H) in mm           |  | 3600 X 1225 X 1660        |
| Genset weight (kg) approx.                    |  | 2180                      |
| Engine Specifications                         |  |                           |
| Make  |  | Mahindra                  |
| Model   |  | H6725NG1                  |
| Rated Power (HP)*                             |  | 156                       |
| Aspiration                                    |  | TCI                       |
| No. of cylinders                              |  | 6                         |
| Bore x Stroke (mm)                            |  | 105 x 137                 |
| Displacement (Ltr)                            |  | 7.2                       |
| Starting system                               |  | 24 V DC Electrical        |
| Lube oil specification                        |  | Maximile CNG Plus         |
| Total lubrication system capacity (Ltr)       |  | 20.2                      |
| Lube oil consumption @ full load <sup>s</sup> |  | 0.15% of Fuel consumption |
| Lube oil change period (hrs.)                 |  | 500                       |
| Radiator coolant capacity (liter)             |  | 24                        |
| Alternator                                    |  |                           |
| Make  |  | CG / LS                   |
| Enclosure Type                                |  | IP 23                     |
| Voltage regulation                            |  | +/- 1%                    |
| Class of insulation                           |  | Class H                   |
| Maximum Unbalanced Load across Phases         |  | 25%                       |

Above specifications are subject to change without notice due to continuous technical developments.

\* A tolerance value of +-5% will be applicable on declared power values

## Features



### Power That Matches Your Need

Mahindra Powerol Gas Gensets are Designed for continuous operation or emergency backup. Continuous models can take an additional 10% load for short durations.



### Built-in Diagnostics for Better Uptime

Access real-time data on mobile/desktop. Get SMS alerts and service notifications during breakdowns.





### Remote Monitoring Made Easy

Access real-time data on mobile/desktop. Get SMS alerts and service notifications during breakdowns.



### Efficient Alternator Design

Compact, rugged alternators with Digital AVR for precise voltage and quick response.



### Space-Saving Design

Advanced CPCB IV+ tech in a compact footprint, ideal for space-constrained setups.

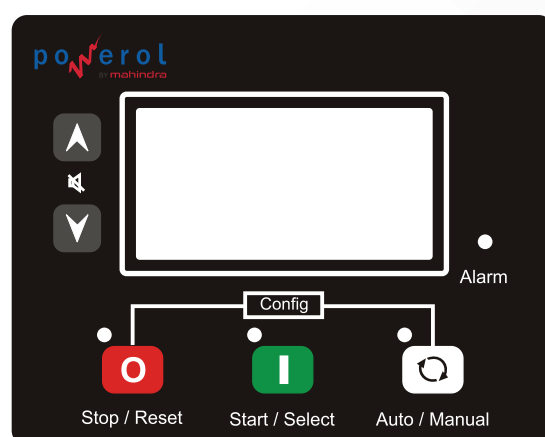


### Durability You Can Trust

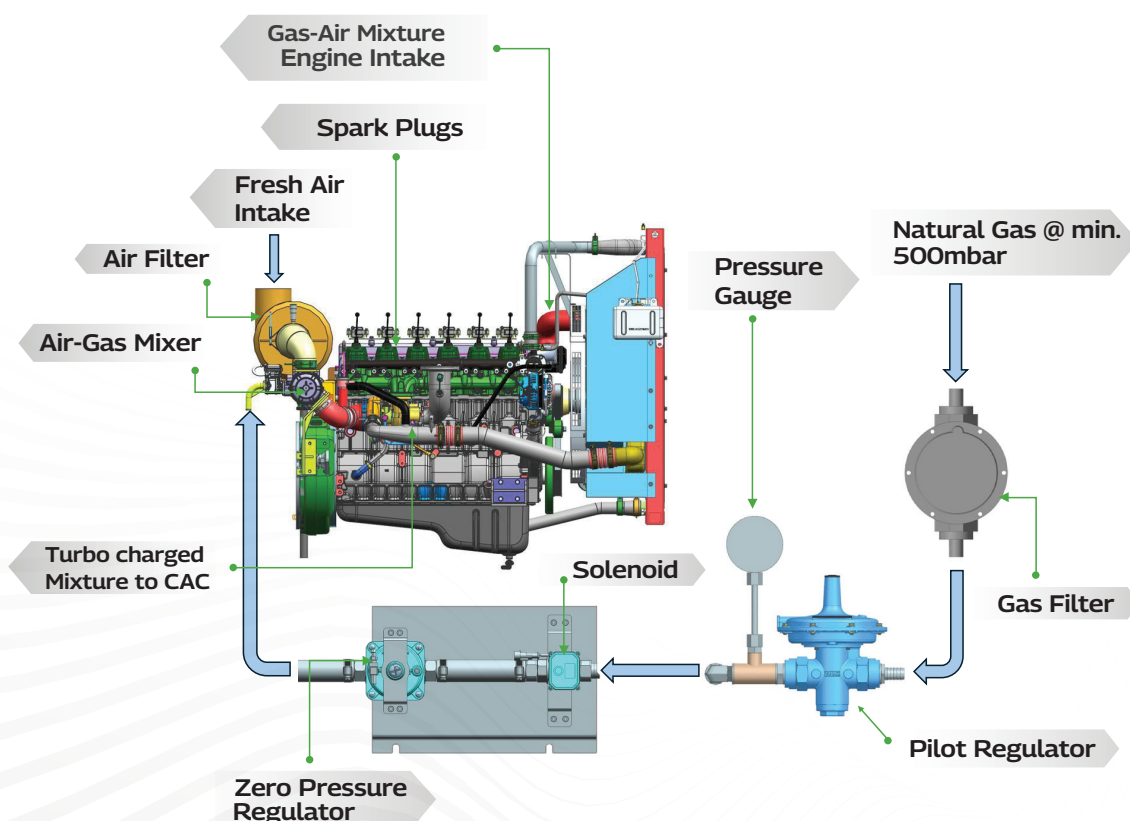
CPCB IV+ compliant, low-maintenance gensets built for long life and reliable

## Controller

- The GC111X is a modern AMF genset controller with a user-friendly interface and full graphic LCD display (back-lit with power save mode). It supports Auto (AMF, remote start/stop, cyclic) and Manual modes.
- Measures voltage and frequency (1ph/3ph) for mains and genset, as well as load current and power factor (true RMS). Includes Auto Exercise Mode (2 events) for pre-set start/stop.



## CPCB IV + Layout





Network of 180+ Dealers

1000+ Touch Points



**Mahindra & Mahindra Ltd.,**  
Powerol Business, Powerol Building, Gate No.2,  
Akurli Road, Kandivali (E), Mumbai-400101

Dealer Stamp