

## G60QI CPCB IV+ Diesel Genset

Supporting Life 24x7 | Available with Intelli SYNC Option

# G60QI Diesel Generator



## Reliable Power

Supporting life 24x7



## Compact Footprint

Avg 15% smaller in length at 2.5 m 10% more fuel in tank with 186 L fuel filling capacity.

Detachable fuel tank, easy cleaning & maintenance.



## Reliable Engine

JCB 4.4 L engine with 100% block loading capacity in this range.



## Intelli Sync

Intelli Sync option for adding capacity as and when required.

IoT enabled for Live data Monitoring.



## Powder Coated Long Life Canopy

1000 Hrs Salt Spray

3 Stage Fuel filtration system.

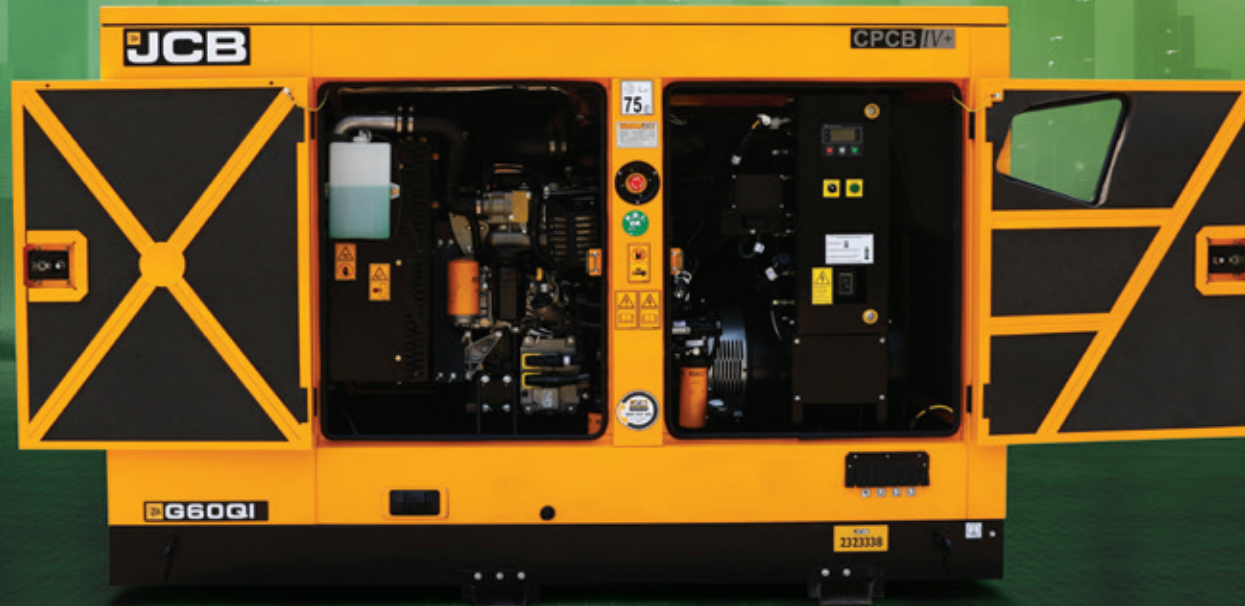
Highest LAT 51° C



## Highly Safe Genset

Proven with IEC 60204 & ISO 8528-13 standard.

India's 1st full band EMC compliant CPCB IV+ Genset



\*Only on selected components

# G60QI CPCB IV+ Compliant Diesel Genset

## Generator Specification

<b>Model</b>	<b>G60QI</b>
Duty	Prime Without Overload
Power Rating kVA/kWe	58.5/46.8
No. of Phases	3 Phase
Output Voltage and Frequency (V and Hz)	415V, 50Hz
Power Factor	0.8 (lagging)
Current (A)	81
RPM	1500

## Engine Specification

<b>Make</b>	<b>JCB</b>
Model	JCB 444 TG4-55
Required Certified Power for Rated kVA (hp)	74
Cooling	Liquid Cooled
Aspiration	TCI
No. of cylinders	4
Bore(mm) x Stroke(mm)	103 X 132
Compression ratio	16.7:1 ± 0.5
Displacement (Litre)	4.399
Fuel	EN590 HSD
Performance Class of Generator Set	ISO 8528-5 G2
Starting System	12 V DC Electrical
Lube oil Specification	CK4
Total Lubrication System Capacity (Litre)	14
Total Coolant Capacity (Litre)	18
Exhaust Pipe Size (inch)	2.5
Total wet weight (Engine+Radiator)* (kg)	595
Length x Width x Height (With Coolpack) (mm)	1245 x 920 x 1118
Mean Piston Speed (m/s)	6.6
Cumbustion Air intake @ 100% Load (±5%) (kg/m)	4.2kg/m
Exhaust Temperature (°C)	390

## Alternator Specification

<b>Make</b>	<b>Meccalte</b>
Alternator Frame	ECP32 2M4C
Enclosure	IP23
Voltage Regulation (Max)	± 1%
Class of Insulation	Class H
Winding Pitch	2/3
Stator Winding	Double layer lap
Rotor	Dynamically Balanced
Waveform Distortion/Total Harmonic Distortion Full Load LL/LN	2.1/2.1 %
Max Unbalanced Load Across Phases	25% as per IEC60034-1
Telephonic Harmobic Factor	< 2%

## Typical Enclosed Genset Dimensions

<b>Genset Model</b>	<b>G60QI</b>
Rating (kVA)	58.5
Length (mm)	2523
Width (mm)	1280
Height (mm)	1767
Operating Mass* (kg)	1700
Standard Fuel Tank Capacity (Litre)	186

## Optional Features

1. Total+ Alternator
2. Coastal Solution - CED Coated Enclosure & Total+ ALT
3. Intelli Sync with DSE 8610
4. 3 Way Fuel Valve
5. Center Lift
6. Earth Leak Protection
7. Battery Charger
8. Live Link 4
9. Alternator Space Heater



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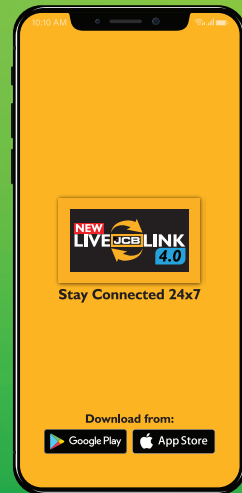
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