

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



G60QI CPCB IV+ Compliant Diesel Genset

Generator Specification

Model	G60QI
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

Make	JCB
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

Make	Meccalte
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

Genset Model	G60QI
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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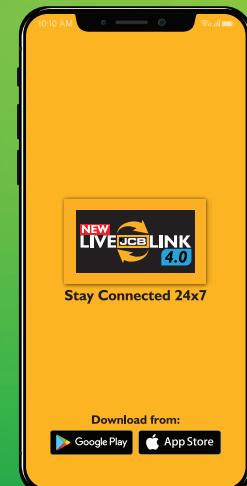
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