

MODEL: QSX15-G8 INDUSTRIAL RANGE

Powered by Cummins



DIESEL GENERATING SET 415/240 V - 50 Hz - 3PHASE

POWER RATING		PRIME	STANDBY
POWER	kVA	500	550
	kW	400	440
Rated Speed	r.p.m	1500	
Available Voltages	V	400/230 - 380/220-415/240V-440/254 etc	

Standard Reference Conditions: 25°C (77°F) Air Inlet Temp, 100m (328 ft) A.S.L. 30% relative humidity.

Prime Power (PRP):

According to ISO 8528-1:2018, Prime power is the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output over 24 hours of operation shall not exceed 70 % of the PRP.

Emergency Standby Power (ESP):

According to ISO 8528-1:2018, Emergency standby power is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 hours of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 hours of operation shall not exceed 70 % of the ESP

ENGINE		PRIME	STANDBY
Rated Output	kW	400	440
Manufacturer		Cummins	
Model		QSX15-G8	
Number of Cylinders and arrangement		4 Cycle; In-line	
Aspiration Type		Turbocharged, Air-cooled	
Bore and Stroke	mm	137X169	
Flywheel dimensions		SAE 1	
Cooling System		Water-cooled	
Engine Speed/Frequency	rpm/Hz	1500/50HZ	
Coolant Capacity	L	42	
Starting System		Electric 24-volt DC	
Displacement	L	15	
Lubricant system Capacity	L	91	

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Battery Voltage / Capacity		24VDC			
Governor	Type	Electronic			
Air Filter	Type	Dry			
Fuel Consumption	Load	100%	75%	50%	25%
	L/h	103	78.7	54.7	30.3

ENGINE: Industrial 4 stroke cooled diesel engine complete with air, fuel, and oil filters, electric starting and charging equipment, engine protection against low water level.

COOLING: Radiator and colling fan complete with protection guards, designed to cool engine at specified output in air temperatures up to 50 , radiators suitable for higher temperatures are available. Low water level protection fitted as standard.

ELECTRICAL SYSTEM:12/24V up to. Axial type starter motor, battery charging alternator, high-capacity lead acid battery, and battery tray mounted on the generator base frame, and heavy-duty interconnecting cable with terminations.

EXHAUST SYSTEM: Heavy duty industrial exhaust silencer with flexible piping.

Gensets Dimensions & Weight

Silent type:LxWxH (mm), Dry Weight / Kg

5100*1500*2400,7500kg