

45kVA Generator

Model:GX50K V



Generator Set Data - Stage V Emission Compliant

	50Hz		50Hz
VOLTAGE (V)	400/230V	POWER FACTOR	cos ϕ 0.8
RPM	1500	FUEL CONSUMPTION @ 70%	6.9 L/H
PRIME RATING	42 kVA	BUNDED DAY TANK	185L
	33.6 kW	DIMENSIONS	2300mm (L)
Applicable for supplying power to varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528. Ten percent overload capacity is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS5514.			1130mm (W)
			1580mm (H)
		WEIGHT	1200Kg (Without Fuel)
STANDBY RATING	46 kVA		1390Kg (With Fuel)
	36.8 kW		
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 BS5514.		MAX OPERATING AMBIENT TEMP	40°C
		SOUND LEVEL @ 100% LOAD	67 dBa @7m
CONTINUOUS RATING	42 kVA	LIFTING ARRANGEMENTS	
	33.6 kW	Single Point Lift	Yes
Applicable for supplying power continuously to a constant electric load for unlimited hours. Continuous Power (COP) in accordance with ISO 8528, ISO 3046, AS 2789, DIN 6271 and BS 5514.		Fork Pockets	Yes

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STAGE
EMISSIONS

Engine

	1500 rpm
MODEL	Kohler KDI 2504 TCR
MAX POWER	45.8 KWm
ASPIRATION	Turbocharged
COOLING SYSTEM	Water
SPEED GOVERNOR	Electronic
CYLINDERS NUMBER	4
DISPLACEMENT	2482cm ³

Alternator

	50Hz
MODEL	Leroy Somer LSA 42.3 M7
MAXIMUM POWER @ 50HZ	40 kW
MAX EFFICIENCY	91.4 %
EXCITATION SYSTEM	Shunt
WIRES	12
SHORT-CIRCUIT CURRENT	300 %
POLES	4
INSULATION	4
VOLTAGE REGULATION	± % 0.25%
PHASES	3 + N
PROTECTION	IP 23
AVR	R220

Control System

MODEL DSE 7310 MK2

CONTROL FUNCTIONS

Manual Start	Yes
Auto Start	Yes
Set to Set Paralleling	No
Utility Paralleling	No

AUXILIARY SUPPLY

Voltage	230V
Via Connection Type	16A C Form
Battery Charger	Yes
Coolant Heater	No
Enclosure Lighting ac	No

OUTPUT CIRCUIT BREAKER

Make	Schneider
Model	IC 60N
Current Rating	63 amp
Motorised	No
Trip Type	C
Bus Bars	Yes

63A C Form 3 Phase Socket	x 1
32A C Single Phase Sockets	x 2

Road Towable Option Yes

