



## MPG-C35 kVA

GENSET POWER OUTPUT		NAME	C35	
		P.f.	0.8	0.8
VOLTAGE		V	220 - 380	220 - 380
FREQUENCY		Hz	50	60
PRIME RATING*		kVA	35	40
		kW	28	32
STANDBY RATING		kVA	38	44
		kW	30.5	35

### ENGINE TECHNICAL DATA

MODEL (50Hz/60Hz)	Cummins x3.3G1/G2		
CYLINDERS	4 vertical in-line		
ASPIRATION	Naturally Aspirated		
COMBUSTION	Direct injection		
COOLING SYSTEM	Water-Cooled		
DISPLACEMENT	3.3 L		
LUBE OIL CAPACITY	6.5 L		
COOLANT CAPACITY	8.6L		
GOVERNOR	Mechanical		
NO. OF CYCLES	4		
SPEED	1500 rpm		1800 rpm
RADIATOR COOLING AIR FLOW	1.7 m <sup>3</sup> /sec		1.7 m <sup>3</sup> /sec

### ALTERNATOR TECHNICAL DATA

REGULATION	± 0.5 %		
INTERNATIONAL PROTECTION	IP23		
INSULATION CLASS	H		
TERMINALS	12		
FREQUENCY	50 Hz		60 Hz
COOLANT AIR FLOW	0.2 m <sup>3</sup> /sec		0.24 m <sup>3</sup> /sec

### FUEL CONSUMPTION (L/H)

@ 100% Load 1500/1800 rpm	8.5/9.1
@ 75% Load 1500/1800 rpm	6.1/6.9
@ 50% Load 1500/1800 rpm	4.1/4.8
@ 25% Load 1500/1800 rpm	2.8/3.3

### DIMENSIONS & WEIGHT

	OPEN SETS		MPG ENCLOSURE	
	SOUND LEVEL@1m IN OPEN SPACE		75dBA	65dBA
LENGTH-CM	170	275	320	
WIDTH-CM	70	115	125	
HEIGHT-CM	110	175	180	
WEIGHT-KG	700	760	990	

### RATING DEFINITIONS

#### PRIME

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

#### STANDBY

These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528-3).

#### FEATURES

- Cummins heavy duty engines
- Stamford class H alternators
- Deep Sea control system
- Water cooling system
- Optional weather & sound protective enclosures
- Warranty

#### GENERATOR SPECIFICATIONS

Single bearing STAMFORD/LERROY SOMER alternator, brushless, self excited, self regulated, insulation and temperature class H, PF 0.8, 230/400 V. 3 phase, 4 wire regulated at ± 1%, 50 Hz.

#### CONTROL SYSTEM

Deep Sea / Com Ap digital control module that offers an advanced range of engine monitoring and protection features.

#### GENERATOR SET OPTIONS

Engine: water jacket heater  
Enclosure: sound attenuated canopy  
Alternator: alternator heater. PMG Kit.  
Power Panel: 4 poles main circuit breaker  
Control panel: Deep Sea /Com Ap control module.

Silencer: Sound attenuation up to 60 dBA@1m

**DESIGN**  
FOR INNOVATION  
IN INDUSTRY



SHOWROOM: Bir Hassan, Kasser EL Soloh Round about, Perla Vita Bldg, Tel: 01. 66 48 00 /1 /2 /3.

NB: The weight of the enclosed sets 75 DBA are for sound proof only. To calculate the total weight of the enclosed set, the weight of the open set should be added to the weight of the enclosed set.