

# CG450



## Cummigen Silent Generator

### Performance

- Carefully selected components
- Accurately developed and tested configuration

### Quality Control

- International standard testing procedure
- Professional manufacture team

### Service efficiency

- Humanization design and improvements
- Superior accessibility to all service points

### Increased transport efficiency

- Compact and safe concept
- Sturdy design

### Superior resale value

- Designed and built to last

## Technical Data

Genset Model		CG450
Frequency		50 Hz
Rated speed	r/min	1500 rpm
Rated power factor (lagging)		0.8
Rated prime power	kVA	450/360
Rated standby power	kVA	500/400
Rated voltage line to line	V	380/220
Rated current	A	683.7
Maximum sound power level	dB(A)	75
Fuel consumption at 75%	L/H	73
Fuel consumption at 100%	L/H	93
Fuel tank capacity	L	830

Engine Model		KTA19-G3
Rated net power prime	kW	403
Rated net power standby	kW	448
Cooling way		Water
Number of cylinders		6
Arrangement		In-line
Bore & Stroke	mm	159x159
Compression ratio		14.5:1
Displacement	L	18.9
Oil capacity	L	36
Charging alternator	V	24
Start motor	V	24

**Alternator-Stamford**

Model		HCI544C
Voltage	V	380/220
Frequency	Hz	50
Prime Capacity	kVA	500
Prime Power	kW	400
Power input	kW	426
Phase no.		3
Power factor		0.8
Voltage regulation	%	±0.5
Protection grade		IP23
Insulation grade		Class H

**Dimension**

Length*width*height	mm	4800x1600x2400
Net weight	kg	4200
Gross weight	kg	4250


**Controller-Deepsea DSE3110**

Standard function	
Engine control	Generator monitoring
Generator protection	Specification display
Display	
Frequency	Battery voltage
Running hour	
Warning/shutdown	
Under/over voltage	Under/over speed
Under/over frequency	Low oil pressure
High/low battery voltage	High water temperature
Communication modules	
USB	


**Controller-Deepsea DSE6020**

Standard function	
Engine control	Generator monitoring
Generator protection	Specification display
Display	
Voltage	Current
Frequency	Fuel level
Oil pressure	Rated power
Running hour	Battery voltage
Warning/shutdown	
Under/over voltage	Under/over speed
Under/over frequency	Low oil pressure
High/low battery voltage	High water temperature
Communication modules	
RS232, RS485, S-USB	

*This generator does comply with EU requirements related to working environment, regulations concerning safety and emissions as well with the outdoor noise directive 2000/14/EC.*

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