

# CG100



## 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		CG100
Frequency		50 Hz
Rated speed	r/min	1500 rpm
Rated power factor (lagging)		0.8
Rated prime power	kVA	100
Rated standby power	kVA	110
Rated voltage line to line	V	380/220
Rated current	A	151.9
Maximum sound power level	dB(A)	75
Fuel consumption at 75%	L/H	17
Fuel consumption at 100%	L/H	22
Fuel tank capacity	L	238

Engine Model		6BT5.9-G2
Rated net power prime	kW	88
Rated net power standby	kW	95
Cooling way		Water
Number of cylinders		6
Arrangement		In-line
Bore & Stroke	mm	102x120
Compression ratio		17.5:1
Displacement	L	5.9
Oil capacity	L	10.9
Charging alternator	V	12
Start motor	V	12

### Alternator-Stamford

<b>Model</b>	<b>UCI274C</b>	
Voltage	V	380/220
Frequency	Hz	50
Prime Capacity	kVA	100
Prime Power	kW	80
Power input	kW	88.6
Phase no.		3
Power factor		0.8
Voltage regulation	%	±0.5
Protection grade		IP23
Insulation grade		Class H

### Dimension

Length*width*height	mm	2900x1130x1600
Net weight	kg	2320
Gross weight	kg	2420



### Controller-Deepsea DSE3110

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



### Controller-Deepsea DSE6020

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