

CG80



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 | | CG80 |
|------------------------------|-------|----------|
| Frequency | | 50 Hz |
| Rated speed | r/min | 1500 rpm |
| Rated power factor (lagging) | | 0.8 |
| Rated prime power | kVA | 80 |
| Rated standby power | kVA | 88 |
| Rated voltage line to line | V | 380/220 |
| Rated current | A | 121.6 |
| Maximum sound power level | dB(A) | 75 |
| Fuel consumption at 75% | L/H | 12.6 |
| Fuel consumption at 100% | L/H | 14.1 |
| Fuel tank capacity | L | 225 |

| Engine Model | | 4BTA3.9-G11 |
|-------------------------|----|-------------|
| Rated net power prime | kW | 70 |
| Rated net power standby | kW | 77 |
| Cooling way | | Water |
| Number of cylinders | | 4 |
| Arrangement | | In-line |
| Bore & Stroke | mm | 102x120 |
| Compression ratio | | 17.5:1 |
| Displacement | L | 3.9 |
| Oil capacity | L | 10.9 |
| Charging alternator | V | 12 |
| Start motor | V | 12 |

Alternator-Stamford

| Model | | UCI224G |
|--------------------|-----|---------|
| Voltage | V | 380/220 |
| Frequency | Hz | 50 |
| Prime Capacity | kVA | 80 |
| Prime Power | kW | 64 |
| Power input | kW | 68 |
| Phase no. | | 3 |
| Power factor | | 0.8 |
| Voltage regulation | % | ±0.5 |
| Protection grade | | IP23 |
| Insulation grade | | Class H |

Dimension

| | | |
|---------------------|----|----------------|
| Length*width*height | mm | 2500x1050x1500 |
| Net weight | kg | 1600 |
| Gross weight | kg | 1700 |



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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