

Engine Model: NTA855-G4 - Driven by Joint-venture Cummins Engine



Genset Model

Prime Rating

Standby Rating

| | Genset Model | Prime Rating | Standby Rating |
|--------------|--------------|-------------------|-------------------|
| 50 Hz | TOP387 | 280 kW 350 kVA | 310 kW 387 kVA |
| 60 Hz | / | / / | / / |

- Authorized Genset Original Equipment Manufacturer (GOEM) of Cummins Inc. and Chongqing Cummins
- Fully load tested and checked under standard procedures
- Tailor fit specific operational needs (please turn over)

Specifications

| Engine | 50 Hz | 60Hz |
|--|-----------|------|
| Engine Model - Joint-venture Cummins | NTA855-G4 | |
| Engine Speed | 1500rpm | / |
| Fuel consumption (Standby) Litre/hour 100% | 83.1 | / |
| Fuel consumption (Prime) Litre/hour | | |
| 100% | 75.3 | / |
| 75% | 57.5 | / |
| 50% | 39.9 | / |
| 25% | 22.2 | / |

| | |
|--|------------------------------|
| Engine Type | 4-Cycle, In-line, 6-Cylinder |
| Aspiration | Turbocharged & aftercooled |
| Bore x Stroke | 140mm x 152mm |
| Displacement | 14 Litre |
| Compression Ratio | 14.0:1 |
| Lubrication System - Total System Capacity | 38.6 Litre |
| Cranking Motor | 24 Volt |
| Fuel injection System | Direct Injection Cummins PT |

Control System

Standard Control Panel System

- ComAp Control: single gen-set controllers, paralleling gen-set controllers
- Deep Sea Electronics: key start, auto start, synchronising
- Analog Instrument Panel

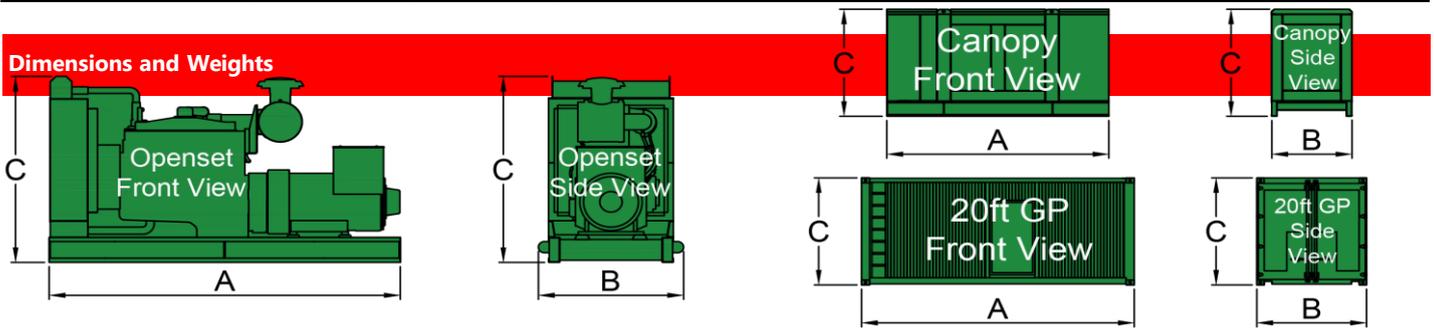
Alternator

| | |
|---|------------|
| Alternator Model - STAMFORD Alternators | S4L1D-E41 |
| Rated Power Factor | 0.8 |
| Insulation System | Class H |
| Winding Pitch | Two Thirds |
| Winding Leads | 12 |
| Protection | IP23 |

Control System - Separately Excited By P.M.G.

| | | | |
|--------------------|---------|---------|--------------------------|
| A.V.R. | MX341 | MX321 | |
| Voltage Regulation | ± 0.5 % | ± 1.0 % | With 4% Engine Governing |

Dimensions and Weights



| | A: Length(mm) | B: Width(mm) | C: Height(mm) | Gross Weight (kgs) |
|--|---------------|--------------|---------------|--------------------|
|--|---------------|--------------|---------------|--------------------|

| | | | | | |
|----------------------|---------|------|------|------|------|
| Open-set | | 3185 | 1280 | 1785 | 2800 |
| Enclosure-set | Canopy | 4000 | 1450 | 2100 | 4300 |
| | 20ft GP | 6058 | 2438 | 2590 | 9300 |

* Dimensions and weights are for guidance only. Do not use for installation design.

Available Options

We offer a wide range of optional equipment to tailor your generating sets so as to meet your operational needs. Options include:

- Alternator heater, engine heater or panel heater
- Circuit breaker 3P/4P
- Customisation of the fuel tank size
- Silencer
- Tailor-made enclosure sets

For further information on the standard or optional equipment accompanying this product, please feel free to contact us.

Documentation

A full set of operation and maintenance manuals as well as circuit wiring diagrams.

Warranty

Parts warranty up to 1500 hours or a year of operation whichever comes first. Please contact us for full details on warranty cover.

*All specifications are subject to change without notice.