

## Engine Model: KTA50-GS8 - Driven by Joint-venture Cummins Engine



Genset Model	Prime Rating	Standby Rating
50 Hz	TOP1500 1200 kW 1500 kVA	1340 kW 1675 kVA

- 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
Engine Model - Joint-venture Cummins	KTA50-GS8
Engine Speed	1500rpm
Fuel consumption (Standby) Litre/hour	345
Fuel consumption (Prime) Litre/hour	
100%	309
75%	238
50%	167
25%	88
Engine Type	4-Cycle, 16 Cylinder
Aspiration	Turbocharged & Low Temp. Aftercooled
Bore x Stroke	159mm x 159mm
Displacement	50.3 Litre
Compression Ratio	14.9:1
Lubrication System - Total System Capacity	204 Litre
Cranking Motor	24 Volt
Fuel injection System	Direct Injection Cummins PT

## Control System

### Standard Control Panel System

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

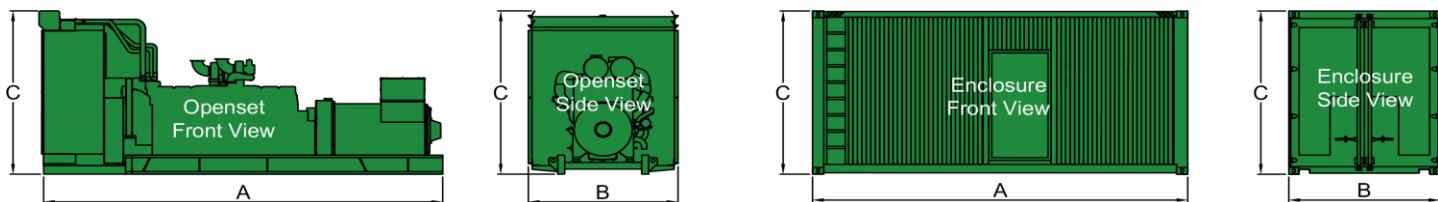
## Alternator

Alternator Model - STAMFORD Alternators	PI734C
Rated Power Factor	0.8
Insulation System	Class H
Winding Pitch	Two Thirds
Winding Leads	6
Protection	IP23

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

A.V.R.	MX341	MX321	
Voltage Regulation	± 1 %	± 0.5 %	With 4% Engine Governing

## Dimensions and Weights



A: Length(mm)

B: Width(mm)

C: Height(mm)

Gross Weight (kgs)

Open-set	5700	2050	2350	11000
Enclosure-set	6058	2438	2900	18900

\* 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.