

Engine Model: KTA50-G3 - Driven by Joint-venture Cummins Engine



	Genset Model	Prime Rating	Standby Rating
50 Hz	TOP1375	1000 kW <i>1250 kVA</i>	1100 kW <i>1375 kVA</i>
60 Hz	TOPO1575	1100 kW <i>1375 kVA</i>	1260 kW <i>1575 kVA</i>

- 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	KTA50-G3	
Engine Speed	1500rpm	1800rpm
Fuel consumption (Standby) Litre/hour 100%	293	330
Fuel consumption (Prime) Litre/hour		
100%	261	291
75%	199	222
50%	139	157
25%	76	89
Engine Type	4-Cycle, 16 Cylinder	
Aspiration	Turbocharged & aftercooled	
Bore x Stroke	159mm x 159mm	
Displacement	50.3 Litre	
Compression Ratio	13.9:1	
Lubrication System - Total System Capacity	177 Litre	
Cranking Motor	24 Volt	
Fuel injection System	Direct Injection Cummins PT	

Control System

Standard Control Panel System

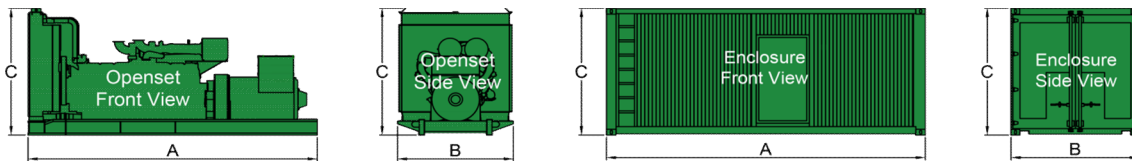
- Deep Sea Electronics: key start, auto start, synchronising
- ComAp Control: single gen-set controllers, paralleling gen-set controllers
- Analog Instrument Panel

Alternator

Alternator Model - STAMFORD Alternators	PI734B
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	5112	2120	2431	9570
Enclosure-set	6058	2438	2590	16600

* 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.