

Engine Model: KTA19-G3 - Driven by Joint-venture Cummins Engine



	Genset Model	Prime Rating	Standby Rating
50 Hz	TOP500	360 kW <i>450 kVA</i>	400 kW <i>500 kVA</i>
60 Hz	TOPO562	410 kW <i>512 kVA</i>	450 kW <i>562 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	KTA19-G3	
Engine Speed	1500rpm	1800rpm
Fuel consumption (Standby) Kg/hour 100%	91	104
Fuel consumption (Prime) Kg/hour		
100%	82	94
75%	62	73
50%	43	52
25%	26	31
Engine Type	4-Cycle, In-line, 6 Cylinder	
Aspiration	Turbocharged & aftercooled	
Bore x Stroke	159mm x 159mm	
Displacement	19 Litre	
Compression Ratio	13.9:1	
Lubrication System - Total System Capacity	50 Litre	
Cranking Motor	24 Volt	
Fuel injection System	Cummins PT	

Control System

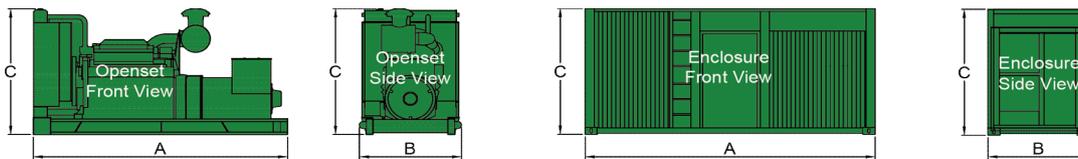
Standard Control Panel System

- 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	HC1534D		
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.	MX321	MX341	
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	3570	1430	1907	3700
Enclosure-set	4800	1680	2250	7200

** 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.*