

DPX-18821 - Engine Model: KTA50-GS8 - Driven by Joint-venture Cummins Engine



	Genset Model	Prime Rating	Standby Rating
50 Hz	18821	1200 kW <i>1500 kVA</i>	1340 kW <i>1675 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
Engine Model - Joint-venture Cummins		KTA50-GS8
Engine Speed		1500rpm
Fuel consumption (Standby) Litre/hour	100%	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

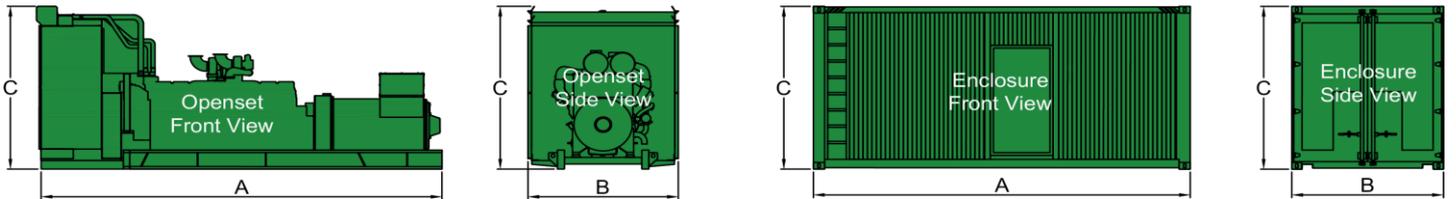
Alternator

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.*