

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



**Genset Model**

**Prime Rating**

**Standby Rating**

50 Hz	TOP1675	1200 kW	1500 kVA	1340 kW	1675 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	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

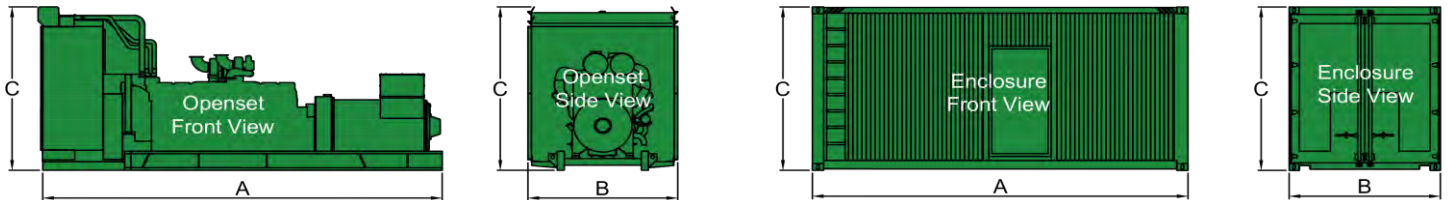
## Alternator

Alternator Model - STAMFORD Alternators	S7L1D-D41
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)

<b>Open-set</b>	5766	2138	2566	10748
<b>Enclosure-set</b>	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.*