

## DPX-18813 - Engine Model: KTA38-G2A - Driven by Joint-venture Cummins Engine



	Genset Model	Prime Rating		Standby Rating	
<b>50 Hz</b>	KTA38-G2A	728 kW	910 kVA	800 kW	1000 kVA
<b>60 Hz</b>	KTA38-G2A	800 kW	1000 kVA	900 kW	1125 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	60Hz
Engine Model - Joint-venture Cummins	KTA38-G2A	
Engine Speed	1500rpm	1800rpm
Fuel consumption (Standby) Kg/hour 100%	183	208
Fuel consumption (Prime) Kg/hour		
100%	165	188
75%	128	143
50%	91	106
25%	54	62
Engine Type	4-Cycle, 12 Cylinder	
Aspiration	Turbocharged & aftercooled	
Bore x Stroke	159mm x 159mm	
Displacement	38 Litre	
Compression Ratio	14.5:1	
Lubrication System - Total System Capacity	170.3 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

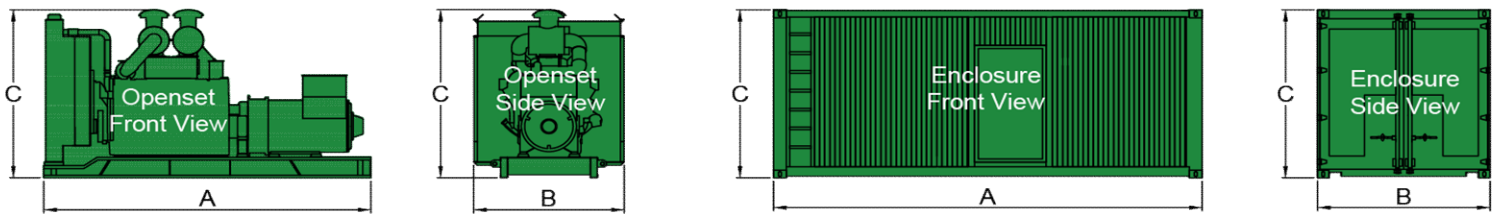
## Alternator

Alternator Model - STAMFORD Alternators	S6L1D-E41
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.	MX321	
Voltage Regulation	± 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>	4365	2010	2445	7100
<b>Enclosure-set</b>	6058	2438	2590	13600

\* 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.