

**DPX-18815 - Engine Model: KTA38-G5 - Driven by Joint-venture Cummins Engine**



	Genset Model	Prime Rating		Standby Rating	
<b>50 Hz</b>	18815	800 kW	1000 kVA	880 kW	1100 kVA
<b>60 Hz</b>	/	/	/	/	/

- 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-G5	
Engine Speed	1500rpm	/
Fuel consumption (Standby) Litre/hour 100%	194	/
Fuel consumption (Prime) Litre/hour		
100%	178	/
75%	137	/
50%	96	/
25%	55	/
Engine Type	4-Cycle, 12 Cylinder	
Aspiration	Turbocharged & aftercooled	
Bore x Stroke	159mm x 159mm	
Displacement	38 Litre	
Compression Ratio	13.9:1	
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

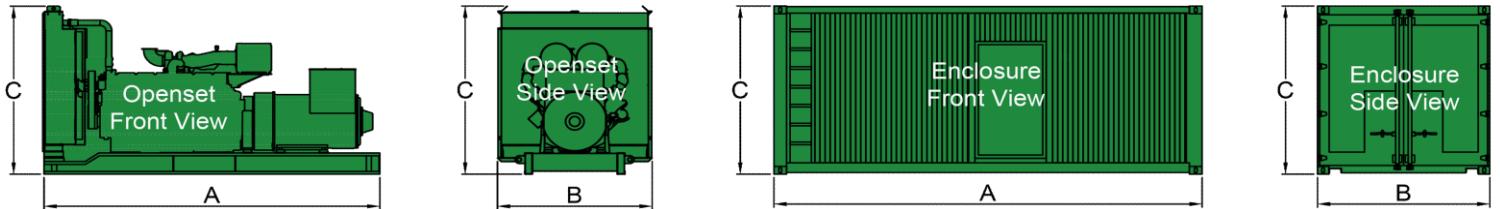
## Alternator

Alternator Model - STAMFORD Alternators	S6L1D-F41
Rated Power Factor	0.8
Insulation System	Class H
Winding Pitch	Two Thirds
Winding Leads	6/12
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	2377	± 6.391
<b>Enclosure-set</b>	± 6058	2438	2900	± 14.280

\* 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.