

**DPX-18819 - Engine Model: KTA50-G3 - Driven by Cummins Engine**


	Genset Model	Prime Rating		Standby Rating	
<b>50 Hz</b>	18819	1000 kW	<i>1250 kVA</i>	1100 kW	<i>1375 kVA</i>
<b>60 Hz</b>	18819	1100 kW	<i>1375 kVA</i>	1260 kW	<i>1575 kVA</i>

- Authorized Genset Original Equipment Manufacturer (GOEM) of Cummins Inc.
- Fully load tested and checked under standard procedures
- Tailor fit specific operational needs (please turn over)

**Specifications**

Engine	50 Hz	60Hz
Engine Model - Cummins	KTA50-G3	
Engine Speed	1500rpm	1800rpm
Fuel consumption (Standby) Liter/hour 100%	293	330
Fuel consumption (Prime) Liter/hour		
100%	261	291
75%	199	222
50%	139	157
25%	76	89
Engine Type	4-Cycle, 16 Cylinder	
Aspiration	Turbocharged & aftercooled	
Bore x Stroke	159mm x 159mm	
Displacement	50.3 Liter	
Compression Ratio	13.9:1	
Lubrication System - Total System Capacity	177 Liter	
Cranking Motor	24 Volt	
Fuel injection System	Direct Injection Cummins PT	

**Control System**
**Standard Control Panel System**

- Deep Sea Electronics: key start, auto start, synchronizing
- Smartgen Control: single gen-set controllers, paralleling gen-set controllers
- Analog Instrument Panel

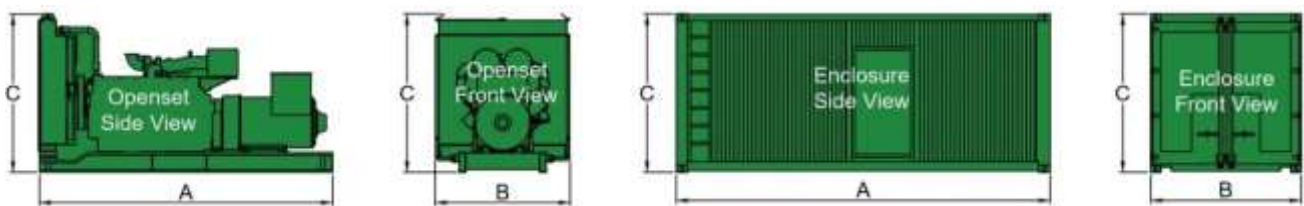
## Alternator

Alternator Model - STAMFORD Alternators	S6L1D-H41		
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>	± 5112	2120	2431	± 9570
<b>Enclosure-set</b>	± 6058	2438	2590	± 16600

*\*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
- Customization 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.*