

DPX-18818 - Engine Model: KTA50-G3 - Driven by Cummins Engine



	Genset Model	Prime Rating		Standby Rating	
50 Hz	18818	1000 kW	1250 kVA	1100 kW	1375 kVA
60 Hz	18818	1100 kW	1375 kVA	1260 kW	1575 kVA

- 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
- ComAp Control: single gen-set controllers, paralleling gen-set controllers
- Analog Instrument Panel

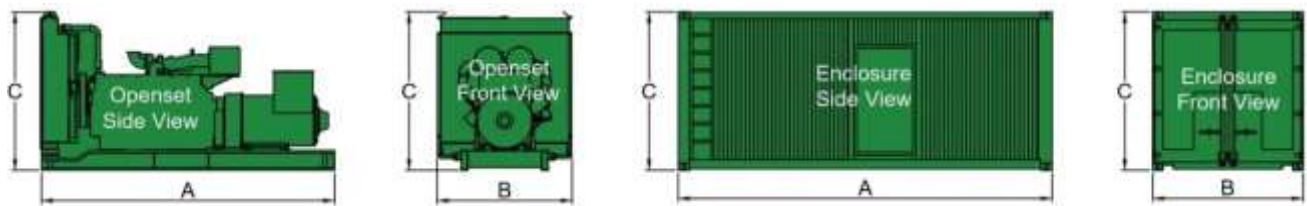
Alternator

Alternator Model - STAMFORD Alternators	PI734B
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	5112	2120	2431	9570
Enclosure-set	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
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- 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.*