PCS450

The QSX15-Series is the first heavy-duty diesel with 24-valve dual overhead camshaft technology. Yet it has an impressive 30% fewer parts than comparable diesels and a utilised design, which eliminates external lube, coolant and fuel lines leading to higher reliability for such a high power output.

The 15 litre, six-cylinder QSX15 engine is ideally suited to both open and containerised applications in static or portable genset equipment. It can be matched to meet specific duty cycle and operating conditions of any genset.

Output Rating

	Standby Rating		Prime Rating	
	kVA	kW	kVA	kW
50HZ	450	360	409	327
60HZ	500	400	445	355

Emergency Standby Power (ESP):
Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. Emergency Standby Power (ESP) is in accordance with ISO 8528. Fuel Stop power in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.

Limited-Time Running Power (LTP):
Applicable for supplying power to a constant electrical load for limited hours. Limited-Time Running Power (LTP) is in accordance with ISO 8528.

Prime Power (PRP):
Applicable for supplying power to varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528. Ten percent overload capability is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.

Base Load (Continuous) Power (COP):
Applicable for supplying power continuously to a constant electrical load for unlimited hours. Continuous Power (COP) in accordance with ISO 8528, ISO 3046, AS 2789, DIN6271 and BS 5514.

Engine Technical Data — QSX15 G4

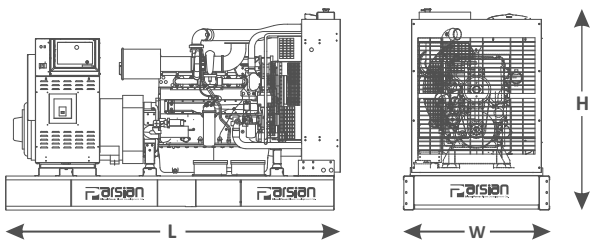
Design	4 cycle, in-line, Turbo Charged, Air Cooled
Bore	137 mm
Stroke	169 mm
Displacement	15 liter
Cylinder Block	Cast iron, 6 cylinder
Fuel System	Direct injection
Starting Voltage	24 volt
Air Cleaner Type	Light duty dry replaceable element with restriction indicator
Lube Oil Filter Type(s)	Spin on full flow filter
Cooling System Design	Air-Air Charge Cooled

Alternator Technical Data — HCI544C

Stator Winding	Double Layer Lap
Winding Leads	12
Winding Pitch	Two Thirds
Voltage Regulation	1.0%
Control System	Separately Exited BY P.M.G.
Insulation System	Class H
EBS Stator Resistance	18 Ohms at 22°C

Dimension

Open Set	Enclosed	
3500 mm	5110 mm	L
2200 mm	2447 mm	H
1400 mm	1620 mm	W



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