Parsian Diesel Power Plant Development Co.

PCS700

The product of years of technical development and improvement, the VTA28-Series is recognised globally for its performance under even the most severe climatic conditions, and widely acknowledged as the most robust and cost-effective diesel engine in its power range.

Output Rating

	Standby Rating kVA	Standby Rating kW	Prime Rating kVA	Prime Rating kW
50HZ	700	560	636	509
60HZ	750	600	681	545

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 — VTA28 G5

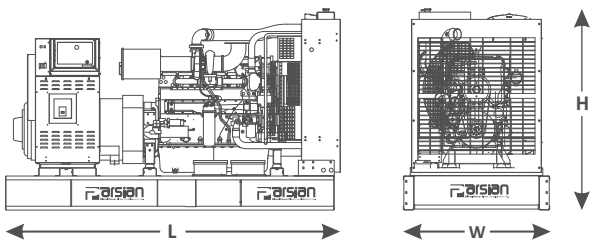
Design	4 cycle, in-line, Turbo Charged and After Cooled
Bore	140 mm
Stroke	152 mm
Displacement	28 liter
Cylinder Block	Alloy Cast iron, 12 cylinder
Fuel System	Direct injection
Starting Voltage	24 volt
Air Cleaner Type	Dry replaceable element with restriction indicator
Lube Oil Filter Type(s)	Spin on full flow filter
Cooling System Design	Jacket Water After Cooled

Alternator Technical Data — HCI544F

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	17 Ohms at 22°C

Dimension

Open Set	Enclosed	
3820 mm	5410 mm	L
2307mm	2654 mm	H
1447 mm	1856 mm	W



www.parsian-diesel.com

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