



Engine confirm to ISO 9001:2000 , ISO 14001 , ISO10054, ISO3046, BS 5514, DIN 6271.

Alternator confirm to ISO 9001, ISO14001, BS EN 60034, BS 5000, VDE 0530, NEMA MGI-32, IEC34 CSA C22.2-100, AS 1359 BS 6861 1 B En 61

Output Rating

	Standby Rating		Prime Rating	
	kVA	kW	kVA	kW
50HZ	561	449	510	408
60HZ	641	513	582	466

Engine Technical Data

P086TI

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.

Design	4-Cycle, V-type, 8-Cylinder, Turbo charged & intercooled (air to air)
Bore	128 mm
Stroke	142 mm
Displacement	14.618 liters
Cylinder Block	8-Cylinder
Fuel System	Bosch type in-line pump with integrated, electromagnetic actuator
Governor	Electric type
Cooling method	Fresh water forced circulation
Lube method	Fully forced pressure feed type

Alternator Technical Data

HCI544D

control system	SEPARATELY EXCITED BY P.M.G.
Winding Pitch	2/3 pitch
Winding Leads	12
Insulation System	Class H
Protection	Ip23
Rated Power Factor	0.8

Dimension

Open Set	Enclosed	
3035 mm	5110 mm	L
2064 mm	2447 mm	H
1550 mm	1620 mm	W

