Product Specifications For C280-8

Power Rating

Power Range	2200 - 2600 ekW

Generator Set Specifications

Frequency	50 / 60
Emissions/Fuel Strategy	EPA Tier 2, IMO II
Speed	1000 rpm (50 hz) or 900 rpm (60 hz)
Minimum Rating	2200 ekW (2938 kVA)
Maximum Rating	2600 ekW (3025 kVA)

Engine Specifications

Aspiration	Turbocharged-Aftercooled
Bore	11 in
Stroke	11.8 in
Displacement	9031 in^3
Governor Type	Electronic
Fuel System	EUI
Compression Ratio 50 Hz	13.1
Compression Ratio 60 Hz	13:1
Engine Model	In-line 8, 4-Stroke-Cycle Diesel

Generator Set Dimensions

Length	316.5 in
Width	77.2 in
Height	155 in
Weight - Estimated	25000 lb

C280-8 Standard Equipment

General

LH and RH service availability

Air Inlet System

Aftercooler, fresh water, corrosion resistant coated (air side)
Air inlet adapter - Straight / 90 degree / 35 degree

Ain Inlet System

Crankcase breathers, top mounted
Single turbocharger, rear-mounted, engine oil lubricated

Control System

Dual Caterpillar ADEM A4 Electronic Engine Control Modules
Rigid Wiring Harness

Cooling System

Aftercooler/oil cooler and jacket water pumps (gear driven)
Engine coolant water drains
Single Circuit / Separate Circuit Aftercooler

Exhaust System

Dry, gas tight, exhaust manifold
Turbo speed sensors - overspeed protection

Fuel System

Fuel transfer pump, gear driven
Duplex Fuel filters
Electronically Controlled Unit Injectors
Electronically Controlled Unit Injectors

Insturmental

CAT Alarm & Protection System

Lube System

Oil pump, gear driven
2 element oil cooler, engine mounted
Duplex centrifugal oil filter - engine mounted
Prelube pump - air / electric

Protection System

Crankcase explosion relief valves

C280-8 Optional Equipment

Exhaust System

Exhaust manifold shielding - soft

Fuel System

SOLAS shielding

Lube System

Front and rear oil pan drains
Wet sump
SOLAS shielding

Protection System

Oil mist detector
Cylinder pressure relief valves