Product Specifications For C280-6

Power Rating

Power Range	1720 - 1820 ekW

Generator Set Specifications

Frequency	50 / 60 Hz
Emissions/Fuel Strategy	U.S. EPA Tier 2, IMO II

Engine Specifications

Aspiration	Turbocharged - Aftercooled
Bore	11 in
Stroke	11.8 in
Displacement	6773 in³
Governor Type	Electronic
Fuel System	EUI
Compression Ratio 50 Hz	13.1
Compression Ratio 60 Hz	13:1
Engine Model	In-line 6, 4-Stroke-Cycle Diesel

Generator Set Dimensions

Length	280.3 in
Width	77.2 in
Height	154.9 in

Weight - Estimated	18000 lb

C280-6 Standard Equipment

General

LH or RH service connections

Air Inlet System

Aftercooler — fresh water, corrosion resistant coated
Crankcase breathers, top-mounted
Single turbocharger, rear-mounted, engine oil lubricated

Exhaust System

Air inlet adapter - Straight / 90 degree / 35 degree
Dry, gas tight, exhaust manifold
Turbo speed sensors - overspeed protection
Exhaust manifold shielding, soft

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

Fuel System

Fuel transfer pump, gear driven
Electronically Controlled Unit Injectors

Instrumentation

CAT Alarm & Protection System

Lube System

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

Protection System

Mounted oil mist detector
Crankcase explosion relief valves

C280-6 Optional Equipment

Fuel System

Fuel priming pump
Duplex fuel filters
SOLAS shielding

Lube System

Front and rear oil pan drains
SOLAS shielding

Protection System

Cylinder pressure relief valves