

PRODUCT SPECIFICATIONS FOR C2.2



Minimum Rating	16 ekW (16kVA)
Maximum Rating	27 ekW (27 kVA)
Frequency	50 Hz or 60 Hz
Speed	1500 rpm (50Hz) or 1800 rpm (60 Hz)
Emissions/Fuel Strategy	EPA Tier 3, IMO NST, EU IW
Engine Model	C2.2, In-line 4, 4-Stroke-Cycle Diesel
Aspiration	Naturally Aspirated
Bore	3.31 in
Stroke	3.94 in
Displacement	135 in ³
Governor Type	Electrical Ischronous
Fuel System	Fuel filter — RH or LH service, fuel priming, fuel transfer pump, flexible fuel lines
Excitation	AREP
Pitch	2/3 pitch
Number of Poles	4
Number of Leads	4

Insulation	Class H
Voltage Regulation	±0.5%
Frame Size	2.2
IP Rating	23
Wave Form Deviation - Line to Line	<2%
Voltage Regulator	Steady State
Minimum Approximate Weight	857 lb
Height - Enclosed Set	31 in
Height - Open Set	32 in
Width - Open Set	20.5 in
Maximum Approximate Weight	1027 lb
Length - Open Set	45 in
Width - Enclosed Set	24 in
Length - Enclosed Set	46 in

C2.2 STANDARD EQUIPMENT

AIR INLET SYSTEM

Air cleaner, single element canister type with rain cap (open generator set only)

COOLING SYSTEM

Belt-driven centrifugal jacket water pump, gear-driven seawater pump, heat exchanger with copper nickel tubes, expansion tank

CONTROL SYSTEM

Electronic isochronous governor

EXHAUST SYSTEM

Watercooled exhaust manifold and elbow

FUEL SYSTEM

Fuel filter — RH or LH service, fuel priming, fuel transfer pump, flexible fuel lines

GENERATOR

Single-phase — brushless, shunt excited, 4-pole, 4-lead reconnectable with class H insulation, automatic voltage regulation $\pm 0.5\%$, 2/3 pitch, IP23 water protection, solid state voltage regulator with integral voltage adjustment potentiometer, connection poles;

LUBE SYSTEM

Lubricating oil, oil filter (RH), dipstick (RH), fumes disposal (closed system)

MOUNTING SYSTEM

Anti-vibration mounts, connected to drip tray and steel base sitting on PVC foam sound-absorbent pad

PROTECTION SYSTEM

Electronic automatic safety shutdown for low oil pressure, high water temperature, high exhaust (wet exhaust only) temperature, and overspeed

STARTING SYSTEM

12 or 24 volt electronic starting motor, 12 volt 55 amp alternator

GENERAL

Single-side service (RH), decals, literature

