

20kW Perkins 404D-22G Diesel Generator

EPA Tier 4 Final



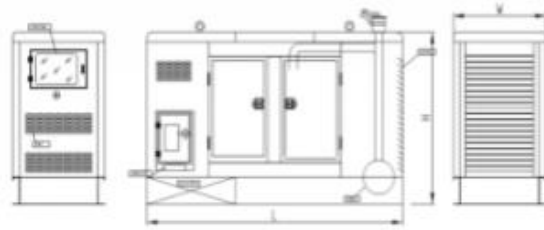
Perkins engine technical data

Engine Model	404D-22G
Number of Cylinders	4 cylinders Vertical in line
Cycle	4 stroke
Aspiration	Naturally
Bore×Stroke	84 mm x100 mm
Displacement	2.216 L
Compression ratio	23.3:1
Prime Power/Speed	22 KW/1800 RPM
Standby Power/Speed	24.3 KW/1800 RPM
Speed Governor	Mechanical
Cooling System	Forced water cooling cycle
Steady speed droop	≤1%
Total lubrication system capacity	10.6 L
Coolant capacity (engine only)	7 L
Fuel Consumption at 50% Load	3.5 L/H (at 1800RPM)
Fuel Consumption at 75% Load	4.8 L/H (at 1800RPM)
Fuel Consumption at 100% Load	6.2 L/H (at 1800RPM)
Starter Motor	DC12V
Alternator	DC12V

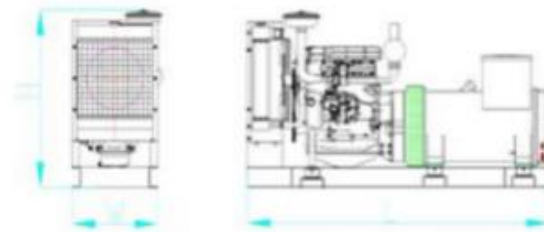
Stamford alternator technical data

Alternator Model	PI144D
Rated power	20KW
Frequency/speed	60HZ/1800rpm
Exciter type	Single bearing, Brushless, Self-excited
Power factor	1
Voltage adjust range	≥5%
Voltage regulation NL-FL	≤±1%
Insulation Grade	H
Protection Grade	IP23

DIMENSIONS WITH STANDARD OPTIONS



◆Enclosed Style: 185 x 100 x 115 (cm) / 72.8 x 39 x 43.3 (inches)



◆Open Style: 140 x 65 x 110 (cm) / 55 x 25.5 x 43.3 (inches)

Options Available

- ◆Standard Enclosure 72db @ 7 Meters
 - ◆Trailer Package Available
 - ◆Upgraded Fuel Tanks Available
 - ◆Single or Double Wall Tanks
- ◆Fuel Tank Delete and Stripped Units for OEM
 - ◆Auxiliary Outlets
 - ◆Spider Boxes and Extensions
- ◆Upgraded Paint, Color and Branding Options