



Standard Features

Engine

Make / Model: FAW / 4DW92-35D
Charging Alternator: 24V
Governor: Mechanical
Radiator: Water cooled
Air Filter: w/ connecting pipes

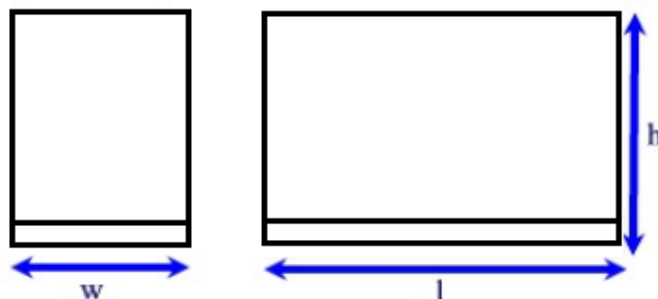
Generator

Model : DG 184 F16
Coupling: Single Bearing
IP Rating: IP22
Insulation Class: H
AVR: SX460

Generating Set

AC-DC Control Panel
Silencer w/ Flexible
Anti Vibration Mounting
Daily Fuel Tank
Battery
Manual Book
Test Report

Silent Type



Weight and Dimension

Generating Set Type	Dimension (l x w x h)	Weight
Silent Type	200 x 100 x 120 cm	850 kg

Engine Data

Make / Model	FAW / 4DW92-35D
Cylinder / Arrangement	4 / Inline
Displacement	2.54 L
Bore and Stroke	90 mm x 100 mm
Compression Ratio	17.0 : 1
Rated Prime KWe	20
Rated RPM	1500 RPM
Frequency Regulation, Steady State	≤ 5%
Governor	Mechanical



Data Sheet

Engine Data (Cont'd)

Exhaust Gas Flow	5.9 m ³ / min
Exhaust Temperature	450 °C
Max Allowable Back Pressure	10.2 kPa
Fuel Consumption 100% of Prime Rating	230 g / kWh
Total Oil Capacity w/ Filters	8 L
Engine Air Flow	2.1 m ³ / min
Radiator and Engine Water Capacity	7 L
Max Water Temperature	112 °C

Generator Data

Make / Model	DG 184 F16
Number of Phase	3
Cos Phi	0.8
Pole	4
Coupling	Single Bearing
Excitation Type	Self-excitation
Insulation Class / Temperature Rise	H / H
IP Rating	IP22
AVR Type	SX460

Control Panel

Make / Model	Smartgen Digital Controller / Comap Intellinano NT
Engine Parameters	Oil Pressure, Water Temperature, RPM (MPU-derived)
Generator Parameters	Frequency, Voltage, Ampere, Cos Phi
Protection	Low Oil Pressure, High Water Temperature, Over-Under Speed, Over-Under Frequency, Over-Under Voltage, Over Current
Other Features	Emergency Stop, Hour Counter, AMF



FAW



*Due to continuous product improvements, specifications might change without prior notice
**For best results, please contact your nearest PRIME® Generating Set dealer for consultations