

3. Specification of Engine :

Engine Model	Perkins
model No.	403D-11G
Cylinders	3
Cylinder arrangement	Vertical in-line
Cycle	Four stroke
Aspiration	Naturally aspirated
Fuel System	Cassette type
Tank System	Base Tank Model
Bore×Stroke (mm×mm)	77x 81
Displacement (L)	1.1
Compression Ratio	23:1
Speed Governor	Mechanical
Cooling System	Forced Water Cooling Cycle
Steady speed droop (%)	≤1
Oil capacity (L)	4.9
Coolant capacity (engine only) (L)	5.2
Fuel Consumption (L/h)	2.4
Motor Starter	Electric

4. Specification of Alternator :

Alternator Model	Stamford
Alternator No.	PI044E
Number of Phase	3
Connecting Type	3 Phase and 4 Wires
Number of Bearing	1
Protection Grade	IP23
Altitude	≤1000m
Exciter Type	Brushless ,Self-exciting
	AVR automatic voltage regulating
	100% Copper winding wire
Insulation Class	H
Standby Output (kVA/kW)	11/9
Prime Output (kVA/kW)	10/8
Telephone Influence Factor (TIF)	≤ 50
THF	≤ 2%
Voltage Regulation, Steady State	≤ ±1%
Transient State Voltage	≤ -15% ~ +20%

Note :

Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!