

Engine Model	K4100D	
Type	Four strokes ,Water Cooling, Inline ,Swirl combustion chamber	
Cylinder No. — Bore x Stroke (mm)	4 —100x115	
Total Displacement of Piston (L)	3.61	
Pressure Ratio	19:1	
Firing Order	1—3—4—2	
Air Intake Mode	Naturally Aspirated	
Rated Working Condition	15min Output/Speed (KW/r/min)	
	1h Output/Speed (KW/r/min)	33/1500
	12H Output/Speed (KW/r/min)	30.1/1500
Highest Idling Speed(r/min)	≤1575	
Lowest Idling Stable Speed (r/min)	≤550	
Max Torque/Speed (N.m/r/min)		
Rated Working Condition	Average Effective Pressure (Kpa)	650
	Fuel Consumption Rate (g/KW*h)	≤258.4
	Oil Consumption Rate (g/KW*h)	≤2.04
	Exhaust temperature (°C)	≤470
Crankshaft Rotating Direction	Counter clockwise (Facing to the power output end)	
Cooling Mode	Forced Water Cooling	
Lubricating Mode	Compound type with pressure and splash	
Starting Mode	Electric starting	
Net Mass (kg)	340	

Engine Model	K4100ZD
type	four stroke, water cooled, vertical, vortex house
cylinder no-borexstroke (mm)	4-100x115
piston displacement (L)	3.61
compression ratio	19:01
firing order	1-3-4-2
intake method	Turbocharged
rated power(kw/rpm)	42/1500
max idle load rotating(r/min)	≤1575
min idle load rotating(r/min)	≤600
lowest fuel consumption(g/kw.h)	≤243
exhaust temperature	≤600
crankshaft rotating direction	counter clockwise (facing to the power output end)
cooling method	forced water cooled
lubricating method	pressure and splash compound
start method	electric start
dry mass(kg)	390

Diesel Engine	
Brand	TELEC
Type	R4110ZD
Number of Cylinders	4
Rotating Speed	1500RPM
Cycle	Four stroke
Cooling Method	Water Cooling
Bore×Stroke(mm)	100*145
Displacement(L)	3.62 L
Compression Ratio	17:1
Speed Governor	Electrical
Cooling System	Water-cooled
Total Lubrication System Capacity (L)	/
Fuel Consumption at 100% Load	<=258 g/kwh
Starting Method	24V Electrical starting

Diesel Engine	
Brand	Telec
Type	R4110ZLD
Number of Cylinders	4
Rotating Speed	1500RPM
Cycle	Four stroke
Cooling Method	Water Cooling
Bore×Stroke(mm)	110*135
Displacement(L)	5.13 L
Compression Ratio	17:1
Speed Governor	Electrical
Cooling System	Water-cooled
Total Lubrication System Capacity (L)	/
Fuel Consumption at 100% Load	≤231 g/kwh
Starting Method	24V Electrical starting

Engine model	R6105AZLD
Type	In-line, water cooled, 4-stroke, direct injection
Rated output (kw/kva)	110/137.5
Standby output (kw/kva)	121/151.25
Aspiration	Turbocharged intercooled
No of cyl	6
Bore(mm) x stroke(mm)	105x130
Displacement(liters)	6.75
Compression	16 1
Speed rated(r/min)	1500
Governor	Mechanical or electronic
Steady governing	≤ 5%(mechanical), ≤ 1%(electronic)
Speed regulation	≤ 0.5%(mechanical) ≤ 0.25%(electronic)
Fuel consumption(g/kw. H)	225
Oil consumption(g/kw. H)	≤ 1.63
Oil sump(l)	16
Mean effective(kpa)	1426
Exhaust gas temperature (; c)	≤ 600
Exhaust gas(m ³ /h)	1524
Exhaust gas back pressure max permissible (kpa)	6.5
Cooling air requirements for fan-cooled radiator(m ³ /h)	12960
Air for combustion(m ³ /h)	528
Cooling water(l)	25
Power input for fan(kw)	4.5
Starter motor	24v5.2kw
Charging alternator	28v12.5a
Flywheel #	Sae3#
Flywheel measurement	Sae3#---11.5
Firing order	1-5-3-6-2-4
Net weight(kg)	620
Dimension(mm)	(l) 1287
	(w) 819
	(h) 1274

el No. R6105IZLD	
Engine characters	Water cooled, direct-injection, inline, four stroke
Rated output(KW/KVA)	132/165
Standby output(KW/KVA)	145/181
Cylinder NO.	6
Aspiration	Turbocharged
Bore(mm)*Stroke(mm)	105*135
Compression ratio	16:1
Displacement(L)	6.49
Start type	DC 24V electric start
Rated speed(rpm)	1500
Rated fuel consumption(L/h)	≤258.4g/kw.h

Engine Model	R6105ZD
Type	4 Strokes, Water Cooling, Inline, Direct Injection Combustion Chamber
Rated Power/Speed(kw/hp/rpm)	84/114/1500
	98/133/1800
Cylinder Number	6
Bore*Stroke	105*125
Total Displacement of Piston(L)	6.49
Pressure Ratio	17
Firing Order	1-5-3-6-2-4
Air Intake Type	Turbocharged
Average Effective Pressure(Kpa)	1035
Fuel Consumption(g/kw.h)	224
Oil Consumption(g/kw.h)	1.63
Exhaust Temperature(°C)	600
Crankshaft rotating)	Inverse Hour(Facing to the power output end)
Cooling Mode	Forced Cooling
Appilication	For Land Diesel Generator
Packing Dimension(mm)	1450*740*1220
Gross Weight(kg)	780