



TECHNICAL DATA

MODEL	ESE170F	ESE178F	ESE186F
Type	Direct Injection		
Combustion System	Single-cylinder, Vertical, 4-stroke,air-cooled		
Bore X Stroke (mm)	70X55	78X62	86X70
Displacement (cc)	211	296	406
Engine Speed (r/min)	3000 3600	3000 3600	3000 3600
Rated Output(kW)	2.5 2.8	3.68 4.0	5.7 6.3
Maximum Output (kW)	2.8 3.1	4.0 4.4	6.3 6.8
Starting System	Manual or Recoil Electric		
Fuel Tank Capacity (L)	2.5	3.5	5.5
Continuous running time (h)	3	2.5	2.5
Lube Oil Capacity (L)	0.8	1.1	1.65
DIM LXWXH (mm)	332X384X416	383X421X450	417X470X494
N.W (kg)	27	33	48
Power Take off	Crank shaft or cam shaft(cam shaft PTO rpm is 1/2)		

AIR-COOLED DIESEL ENGINE

Single-cylinder vertical 4-stroke air-cooled diesel engine
Compact in structure makes it convenient for carry and transport. It's safe and easy to overhaul and maintain.
Easy to start with its lighthand-pulling recoil starter and electric starting is also a useful option.
Special balancer shaft inside reduces the vibration to a minimum and makes its running more stable and smooth.

Usage:
It is ideal match power in generators, tourism industry, mechanism and so on.