

The introduction of the engines for generators made by Changzhou Changfa Powe Machinery Co., Ltd.

Changzhou Changfa Power Machinery Co., Ltd is belong to Jiangsu Changfa Group, and now performs as the subsidiary company of Changfa Group. With the advanced production technology and management experience, can make high quality diesel engines.

Followed is the specification of diesel engines for generators.

Model	CY485D	CY490D	CY490ZD	CY4102D
Cylinder-Bore*Stroke(mm)	4-85*95	4-90*100	4-90*95	4-102*118
Displacement(L)	2.156	2.543	2.416	3.86
Rated output(kw/r/min)	18/1500	22/1500	27/1500	35/1500
Max output(kw)	19.8	24.2	29.7	38.5
Continuous output(kw)	16.2	19.8	24	32
The rotation speed without load(r/min)	≤1575			
Steady state speed governing rate	≤5%			
Idle speed(rpm)	850-950			
Consumption rate of oil and fuel (%)	≤0.5			
Fuel Consumption rate at full load(g/kw.h)	≤240			
Speed governing rate at rated output	≤0.12			
Rotation speed steady time(s)	≤7			
Rotation speed distortion rate	≤0.01			
Direction of crankshaft	anticlockwise			
Noise level	according to the rules of small and middle power diesel engine noise limitation, GB14097-1999			

The above products take “high quality power, CHANGFA diesel engines” as the orientation. In order to make the engines more suitable for the silent generators, CHANGFA diesel engines strengthened the main parts, improved the water cooling system, and specially designed the combustion system. Now the performance of the diesel engines is better than the same products in China. The diesel engines have the following advantages,

- Fuel-saving
- Run with low cost
- Low maintenance cost
- Low noise
- Low emission pollution.