

# FORWARD ENGINE



## Lovol 1000 Diesel Engine – Genset

Inheriting from the leading European technology – Perkins, Lovol 1000 series provides professional power solution for genset, marine, water pump and agricultural equipment etc.



### Important Features

- International brands of key parts adopted to insure the reliable performance
- Mechanical governing rate is less than 3% and electronic governing rate is less than 1%
- The combustion system and fuel-supply system is optimized which insure the accuracy of the oil supply amount for single cylinder of the engine and improve the combustion efficiency.
- Easy for daily maintenance, the key parts could be replaced at the same side, with the character of strong commonality, the maintaining work is very convenient.

## Lovol 1000 Diesel Engine – Genset

Item #	1004G	1004TG	1006TG1A	1006TG2A	1006TAG
Speed - rpm	1500	1500	1500	1500	1500
Constant power - kW	40	65.7	84.3	92.3	121
Standby power - kW	44	72.3	92.7	102	134
Fuel consumption – g/kW.h	≅ 210	≅ 205	≅ 205	≅ 205	≅ 205
Net weight - kg	540	550	780	780	730
Dimension - mm	1253*706*946	1253*706*946	1484*740*1107	1484*740*1107	1600*800*1064
Bore * Stroke - mm	100*127	100*127	100*127	100*127	100*127
Displacement - L	3.99	3.99	5.99	5.99	5.99
Max. ambient temperature	50°C	50°C	50°C	50°C	50°C
Governing typel	Mechanical	Mechanical	Mechanical	Mechanical	Electronic
Governing rate	≅ 5%	≅ 5%	≅ 5%	≅ 5%	≅ 1%
Configuration	In-line, direct injection, water-cooled				
Rotation of crankshaft	Counter-clockwise – viewed from flywheel side				
Cylinder number	4	4	6	6	6
Ignition system	Natural	Turbo	Turbo	Turbo	Turbo, A-A inter cool

### Standard Accessories

- 24V electric system (12V optional)
- S.A.E. 3 flywheel housing
- 10" & 11.5" flywheel
- Fuel, air and oil filter
- Qualification certificate, handbook & service manual
- Oil pressure and water temperature alarm switch & sensor (2 in 1) in accordance with VDO parameter
- Separate fan
- Cold start aid
- Engine front support
- 24V start motor, alternator and solenoid
- Radiator - fan guard & front guard included