

ENGINE DATASHEET



TWD1672-1673GE

615 kW (836 hp) & 685 (932) at 1800 rpm, acc. to ISO 3046

US EPA & CARB Tier 4 Final

A powerful, reliable and economical generating set diesel engine range built on the proven Volvo Group in-line six concept.

Powerful package

High power density in a compact package with dual stage turbo charging. Excellent load step performance according to ISO 8528-5.

Low cost of ownership & operation

World class fuel efficiency in combination with a proven and reliable engine and exhaust aftertreatment system design. The exhaust aftertreatment system consists of only SCR, without EGR, DOC or DPF. Minimal of components are used and no downtime for regeneration or decreased service intervals. No EGR also results in less heat rejection, leading to excellent power density and improved fuel economy.

Compact & simple installation

SCR technology selected by Volvo Group does not increase the amount of cooling capacity needed. In combination with the compact engine design, installation is easy with minor impact on existing installation layout. Installation guidelines as well as drawings and CAD models are easy to access.

Durability & low noise

Volvo Group's long experience with SCR systems in combination with base engine development reduces risk of downtime. Well-balanced to produce smooth and vibration free operation with low noise.

Low exhaust emission

Efficient injection as well as robust engine design in combination with SCR technology contributes to excellent combustion and low fuel consumption.

Easy service & maintenance

Easily accessible service and maintenance points contribute to the ease of service.



- Proven and straight-forward design - built on Volvo Group technology
- Low cost of ownership and operation
- SCR only - no EGR, DOC, DPF or regeneration
- High efficient cooling system
- Excellent step load performance acc. to ISO 8528-5
- Compact, simple installation and easy to service
- Available as Genpac or Base engine configuration

60 Hz/1800 rpm

Engine	Prime power			Standby power			Generator eff.
	kWm	kWe	kVa	kWm	kWe	kVa	(%)
TWD1672GE	532	508	635	585	559	698	95,5
TWD1673GE	595	570	713	655	625	781	95,5

