

TAD1350GE

12.78 liter, in-line 6 cylinder

The TWD1350GE is a powerful, reliable and economical Generating Set Diesel Engine built on the dependable in-line six design.

Durability & low noise

Designed for easy, fast and economical installation. Field tested to ensure highest standard of durability and long life. Well-balanced to produce smooth and vibration-free operation with low noise level.

To maintain a controlled working temperature in cylinders and combustion chambers, the engine is equipped with piston cooling. The engine is also fitted with replaceable cylinder liners and valve seats/guides to ensure maximum durability and service life of the engine.

Low exhaust emission

The state of the art, high-tech injection and highly efficient charge air system with low internal losses contributes to excellent combustion and low fuel consumption.

The TAD1350GE is EPA/CARB Tier 3 emission certified. These regulations are met by using V-ACT™ (Volvo Advanced Combustion technology).

V-ACT includes a flexible high pressure fuel injection system, an air management system including an internal exhaust gas recirculation device and an enhanced electronic controller.

Easy service & maintenance

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

- Excellent load acceptance
- High efficient cooling system (AOT 65 °C at Standby power)
- Optimized for 1800 rpm
- EMS 2
- EPA/CARB Tier 3 emission certified
- Wide range of optional equipment

60 Hz/1800 rpm

| Continuous power | | | Prime power | | | Standby power | | |
|------------------|-----|-----|-------------|-----|-----|---------------|-----|-----|
| kWm | kWe | kVa | kWm | kWe | kVa | kWm | kWe | kVa |
| 184 | 170 | 213 | 245 | 228 | 285 | 269 | 250 | 313 |

Generator efficiency (typical): 93%

kWm = kiloWatt mechanical, net with fan according to technical data

kWe = kiloWatt electrical = kWm x Generator eff.

kVA = kiloVoltAmpere calculations based on a 0.8 power factor = kWe / 0.8

1 kW = 1 hp x 1.36; 1 hp = 1 kW x 0.7355

