



No urea. No kidding.

250SDC EPA Tier 4 compliant engines for power generation

Flexible designs that operate in any environment

Wabtec Corporation's experience and proven technology delivers dependable, long lasting, and fuel-efficient power solutions in some of the world's harshest environments.

The Wabtec 250SDC series diesel engines offer continuous, prime and emergency standby power worldwide.

The stand-alone power generation engines contain all necessary (on engine) equipment and operate in all power generation modes.

Quick Facts

- The 250SDC engines can be configured for **50 and 60 Hz** applications
- Available in **6, 8, 12, and 16 cylinder** models
- 99% availability in continuous applications
- **Narrow footprint** allows ease of maintenance and packaging advantage
- **Extended oil change intervals** of 2,000+ operating hours, depending on duty cycle and oil condition monitoring
- Impressive durability with no planned major overhauls for up to **60,000 hours**, depending on duty cycle and fuel burn
- Proven emissions reduction technology with over **31 million** operating hours and certified to meet **US EPA Tier 4** emissions standard
- **No urea** required to meet emissions standard
- **EGR technology**, high pressure common rail fuel injection, two-stage turbocharging arrangement with intercooling and aftercooling and advanced combustion controls

Wabtec Engine Power Ratings

Engine Model		Engine (bkW)					Engine (bhp)				
Speed (RPM)	Elec. Frequency (Hz)	Continuous Power	Prime Power	Emergency Standby Power	Data Center Continuous Power	Mission Critical	Continuous Power	Prime Power	Emergency Standby Power	Data Center Continuous Power	Mission Critical
16V250SDC											
1000	50	4,230	4,700	5,170	4,700	5,170	5,670	6,300	6,930	6,300	6,930
900	60	3,780	4,200	4,620	4,200	4,620	5,067	5,630	6,193	5,630	6,193
12V250SDC											
1000	50	3,150	3,500	3,850	3,500	3,850	4,223	4,692	5,161	4,692	5,161
900	60	2,835	3,150	3,465	3,150	3,465	3,800	4,223	4,645	4,223	4,645
8L250SDC											
1000	50	2,250	2,500	2,750	2,500	2,750	3,016	3,351	3,686	3,351	3,686
900	60	2,080	2,250	2,475	2,250	2,475	2,788	3,016	3,318	3,016	3,318
6L250SDC											
1000	50	1,710	1,900	2,090	1,900	2,090	2,292	2,547	2,802	2,547	2,802
900	60	1,560	1,700	1,870	1,700	1,870	2,091	2,279	2,507	2,279	2,507
Application Rating											
Average 24h Load Factor		≤100%	≤80%	≤70%	≤100%	≤90%*	≤100%	≤80%	≤70%	≤100%	≤90%*
Overload (1 hour in 12)		No	Yes	No	Yes	No	No	Yes	No	Yes	No
Annual Overload Hours		N/A	150	N/A	150	N/A	N/A	150	N/A	150	N/A
Annual Operating Hours		8760	8760	500	8760	500	8760	8760	500	8760	500

*Peak demand >90% of rated kW allowed for up to 5% of annual operating time.

Proud to Power...



BLACKSTART/EMERGENCY



PRIME POWER



CONTINUOUS POWER

Wabtec Corporation has been designing and building high-performance diesel engines for more than 50 years. Today, we're one of the leading manufacturers of **medium-speed engines** in the world. With exceptional reliability, and operating costs among the lowest in their class, Wabtec's engines are the right choice for dependable, efficient power.

The **250SDC EPA Tier 4** emissions compliant engine series includes both **inline and V models** and delivers a continuous power range from **1,560 kW to 4,230 kW (2,091 bhp to 5,670 bhp)**. The engines are based on a rugged one-piece iron casting mainframe for excellent vibration dampening characteristics and long-term stability to minimize bore distortion. Our easy to service unitized cylinder assembly concept enables quick change outs for increased engine uptime.

A network of parts distribution centers and service representatives is available 24/7 around the globe to support more than 24,000 medium speed engines that are deployed worldwide.

