

Model	WD327E3TAD68	WD327E3TAD73	WD327E3TAD78	WD327E3TAD82	WD327E3TAD88
Rating power (kW)	682	730	780	820	882
Rated speed (r/min)	1500	1500	1500	1500	1500
Cylinder bore*piston stroke(mm)	145*165	145*165	145*165	145*165	145*165
Number of cylinders	12-cylinder V-type	12-cylinder V-type	12-cylinder V-type	12-cylinder V-type	12-cylinder V-type
Noise (dBA)	121*	121*	124*	125*	125*
FSU	≦1.5	≦1.5	≦1.5	≦1.5	≦1.5
Displacement(L)	32.7	32.7	32.7	32.7	32.7
Compression ratio	15.5	15.5	15.5	15.5	14.5
Intake mode	Turbo	Turbo	Turbo	Turbo	Turbo
Maximum inlet resistance (kPa)	6.2	6.2	6.2	6.2	6.2
Air combustion(m <sup>3</sup> /h)	4900	4950	5000	5200	5400
Maximum exhaust back pressure(kPa)	6	6	6	6	6
Exhaust Flow(m <sup>3</sup> /h)	10800	11400	12000	13000	14000
Exhaust gas temperature (°C)	≦650	≦650	≦650	≦650	≦650
Cooling	Radiator	Radiator	Radiator	Radiator	Radiator
Fan exhaust flow (m <sup>3</sup> /h)	65000	65000	70000	70000	75000
The total capacity of the cooling fluid (L)	220	220	230	230	240
The maximum water temperature (°C)	95	95	95	95	95
Thermostat thermostat range(°C)	66~78	66~78	66~78	66~78	66~78

<b>The maximum oil temperature (°C)</b>	105	105	105	105	105
<b>The total capacity of lubricating oil (L)</b>	90	90	90	90	90
<b>Minimum fuel consumption (g/kW.h)</b>	196	196	196	196	196
<b>Specific oil consumption (g/kW.h)</b>	≦0.48	≦0.48	≦0.48	≦0.48	≦0.48
<b>Fuel system</b>	Electronic control unit for high pressure common rail system				
<b>Flywheel teeth</b>	140	140	140	140	140
<b>Battery capacity (AH)</b>	4X165AH 12V	4X165AH 12V	4X165AH 12V	4X165AH 12V	4X165AH 12V
<b>Dimensions(L×W×H)mm</b>	2728*1760*2090	2728*1760*2090	2472*1800*2135	2472*1800*2135	2472*1800*2135
<b>PACKING (CM)</b>	280*185*220	280*185*220	250*205*220	250*205*220	250*205*220
<b>Net weight(tons)</b>	3.1	3.1	3.1	3.2	3.2
<b>oil (non-cold area)</b>	CF class 15W/40	CF class 15W/40	CF class 15W/40	CF class 15W/40	CF class 15W/40
<b>fuel (non-cold area)</b>	0 or -10	0 or -10	0 or -10	0 or -10	0 or -10

<b>Model</b>	<b>WD327E3TAD100</b>	<b>WD360E3TAD110</b>	<b>WD360E3TAD120</b>	<b>WD360E3TAD130</b>	<b>WD327E3TAD100</b>
<b>Rating power (kW)</b>	1000	1100	1200	1338	1000
<b>Rated speed (r/min)</b>	1500	1500	1500	1500	1500
<b>Cylinder bore*piston stroke(mm)</b>	145*165	152*165	152*165	152*165	145*165
<b>Number of cylinders</b>	12-cylinder V-type	12-cylinder V-type	12-cylinder V-type	12-cylinder V-type	12-cylinder V-type
<b>Noise (dBA)</b>	125*	125*	125*	125*	125*

<b>FSU</b>	≦ 1.5	≦ 1.5	≦ 1.5	≦ 1.5	≦ 1.5
<b>Displacement(L)</b>	32.7	35.9	35.9	35.9	32.7
<b>Compression ratio</b>	14	14	13.5	13.5	14
<b>Intake mode</b>	Turbo	Turbo	Turbo	Turbo	Turbo
<b>Maximum inlet resistance (kPa)</b>	6.2	6.2	6.2	6.2	6.2
<b>Air combustion(m3/h)</b>	5600	6100	6700	7500	5600
<b>Maximum exhaust back pressure(kPa)</b>	6	6	6	6	6
<b>Exhaust Flow(m3/h)</b>	14600	16000	17600	19600	14600
<b>Exhaust gas temperature (°C)</b>	≦ 650	≦ 680	≦ 680	≦ 700	≦ 650
<b>Cooling</b>	Radiator	Radiator	Radiator	Radiator	Radiator
<b>Fan exhaust flow (m3/h)</b>	114800	123500	123500	123500	114800
<b>The total capacity of the cooling fluid (L)</b>	240	250	275	285	240
<b>The maximum water temperature (°C)</b>	95	95	95	95	95
<b>Thermostat thermostat range(°C)</b>	66~78	66~78	66~78	66~78	66~78
<b>The maximum oil temperature (°C)</b>	105	105	105	105	105
<b>The total capacity of lubricating oil (L)</b>	90	90	90	90	90
<b>Minimum fuel consumption (g/kW.h)</b>	196	196	196	196	196
<b>Specific oil consumption</b>	≦ 0.48	≦ 0.48	≦ 0.48	≦ 0.48	≦ 0.48

<b>(g/kW.h)</b>					
<b>Fuel system</b>	Electronic control unit for high pressure common rail system				
<b>Flywheel teeth</b>	140	140	140	140	140
<b>Battery capacity (AH)</b>	4X165AH 12V	4X165AH 12V	4X165AH 12V	4X165AH 12V	4X165AH 12V
<b>Dimensions(L×W×H)mm</b>	2460*2185*2315	2460*2377*2463	2573*2635*2610	2573*2635*2610	2460*2185*2315
<b>PACKING (CM)</b>	250*205*220	250*205*220	250*205*220	250*205*220	250*205*220
<b>Net weight(tons)</b>	3.2	3.5	3.5	3.5	3.2
<b>oil (non-cold area)</b>	CF class 15W/40	CF class 15W/40	CF class 15W/40	CF class 15W/40	CF class 15W/40
<b>fuel (non-cold area)</b>	0 or -10	0 or -10	0 or -10	0 or -10	0 or -10