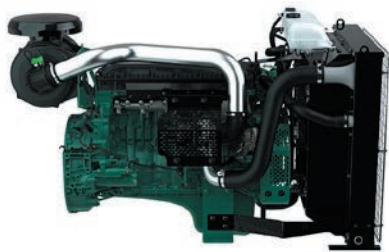
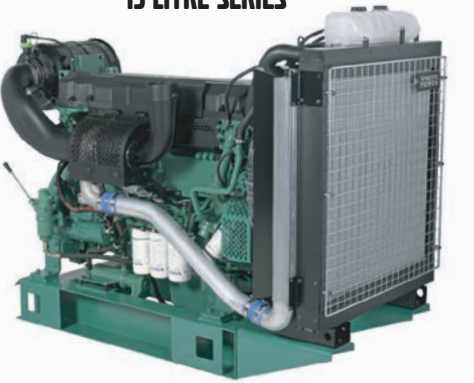


Power Generation

8 LITRE SERIES



13 LITRE SERIES



16 LITRE SERIES

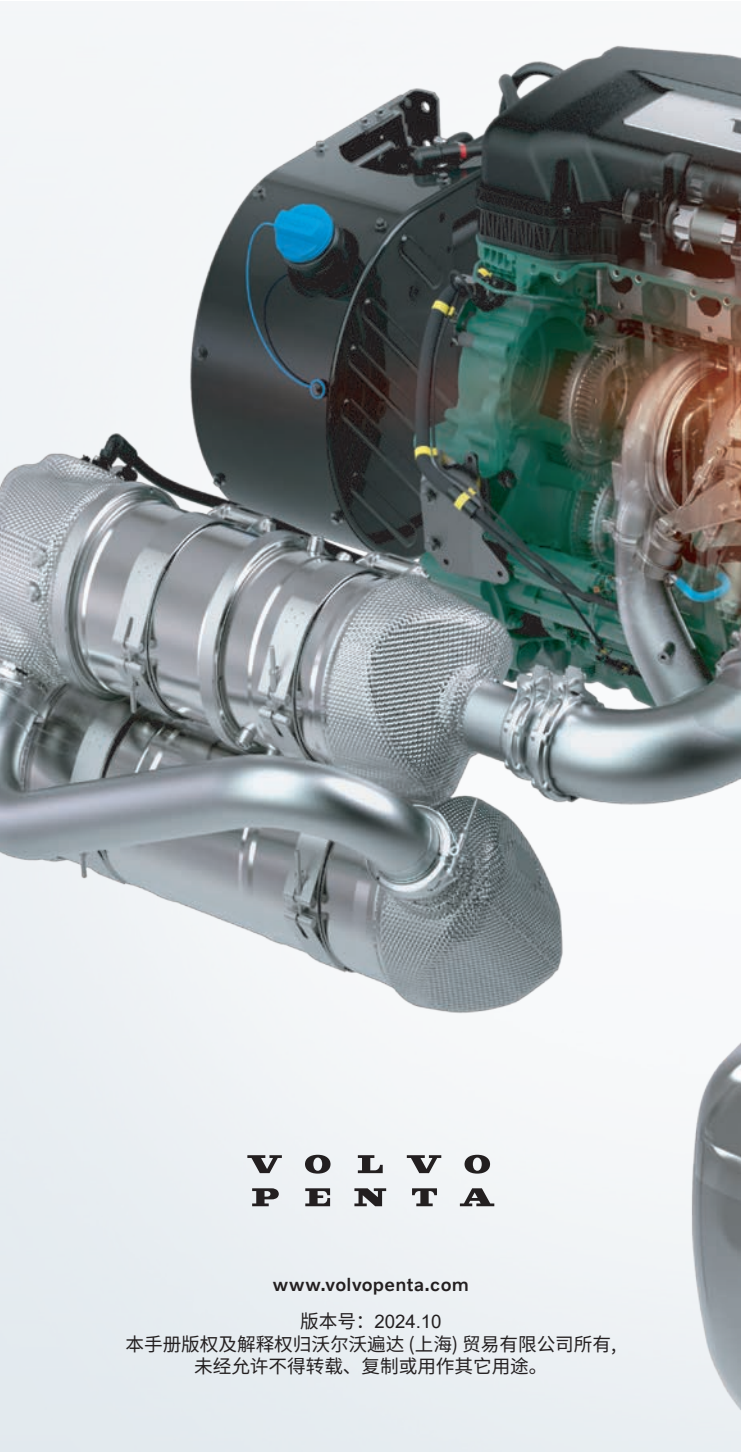


17 LITRE SERIES



TAD 1651 GE

- Turbocharged
- Type of intercooling
 - A = Air-to-air
 - W = Water-to-air
- Type of fuel
 - D = Diesel fuel
 - G = Gaseous Fuel
- Displacement indication (litre)
- Generation
- Version
- Type of application
 - G = Gen Set
 - V = Versatile industry application
- Exhaust emission certified



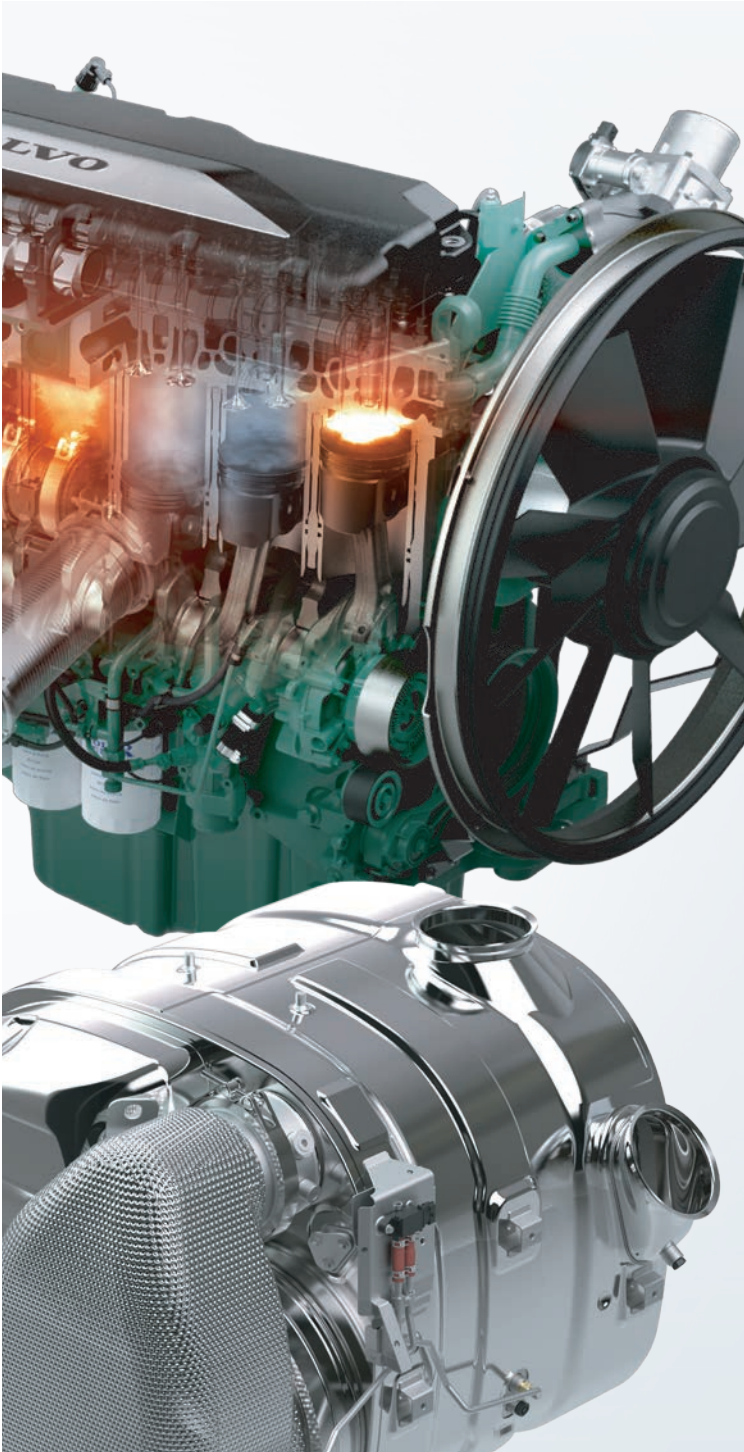
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ENGINE RANGE
发电用发动机选型表

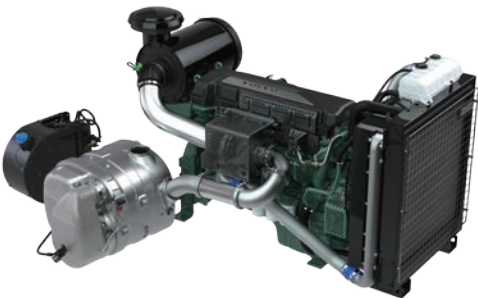


Power Generation

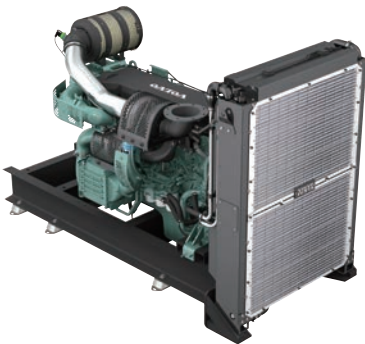
TAD880GE



TAD1382GE



TWD1645GE



TWD1683GE



Power Generation Engines

Stage II / Tier 2* 二阶段

Engine	50Hz/1500rpm								60Hz/1800rpm							GENERATOR EFF. (%)
	PRIME POWER			STANDBY			Certificate STAGE 2		PRIME POWER			STANDBY			Certificate Tier 2	
	kWm	kWe	kVA	kWm	kWe	kVA			kWm	kWe	kVA	kWm	kWe	kVA		
TAD840GE-B	177	163	203	194	178	223	No		194	178	223	213	196	245	No	92%
TAD841GE	220	202	253	242	223	278	No		225	207	259	248	228	285	No	92%
TAD842GE	261	243	303	287	267	334	No		261	243	303	287	267	334	No	93%
TAD843GE	280	260	326	308	286	359	No		274	254	318	301	280	350	No	93%
TAD1341GE-B	275	255	319	302	281	351	Yes		294	273	342	324	301	377	No	93%
TAD1342GE-B	303	282	352	333	310	387	Yes		345	321	401	377	351	438	No	93%
TAD1343GE-B	325	302	378	356	331	414	Yes		353	328	410	388	361	451	No	93%
TAD1344GE-B	354	329	411	389	362	452	Yes		392	364	455	431	401	501	No	93%
TAD1345GE-B	388	365	456	431	405	506	No		392	368	460	431	405	506	No	94%
TAD1346GE	427	402	502	470	442	552	No		436	409	512	479	450	563	No	94%
TAD1641GE-B	430	404	505	473	445	556	Yes		485	456	570	546	513	642	Yes	94%
TAD1642GE-B	503	473	591	554	521	651	Yes		532	500	625	585	550	687	Yes	94%
TWD1644GE	555	521	652	610	573	717	No		582	547	684	640	602	752	Yes	94%
TWD1645GE	595	560	700	655	616	770	No		619	582	727	681	640	800	Yes	94%
TWD1744GE	645	606	758	709	666	833	No		682	641	801	750	705	881	Yes	94%

Stage IIIA / Tier 3* 三阶段

	50Hz/1500rpm								60Hz/1800rpm								
Engine	PRIME POWER			STANDBY			Certificate	STAGE 3A		PRIME POWER			STANDBY			Certificate	GENERATOR EFF. (%)
	kWm	kWe	kVA	kWm	kWe	kVA	Tier 3			kWm	kWe	kVA	kWm	kWe	kVA	Tier 3	
TAD851GE	220	202	253	242	223	278	No			225	207	259	248	228	285	Yes	92%
TAD852GE	248	231	289	273	254	317	No			247	230	287	272	253	316	Yes	93%
TAD853GE	248	233	291	273	257	321	No			266	250	313	293	275	344	Yes	94%
TAD1350GE										245	227	284	269	250	313	Yes	93%
TAD1351GE	279	259	324	306	285	356	Yes			294	273	341	323	300	375	Yes	93%
TAD1352GE	314	292	365	345	321	401	Yes			344	320	400	376	350	437	Yes	93%
TAD1353GE										391	364	454	430	400	500	Yes	93%
TAD1354GE	328	305	381	361	336	420	Yes			344	320	400	376	350	437	Yes	93%
TAD1355GE	355	334	417	390	367	458	Yes			344	323	404	376	353	442	Yes	94%
TAD1650GE	393	370	462	433	407	508	Yes			439	413	516	483	454	568	Yes	94%
TAD1651GE	430	404	505	473	445	556	Yes			494	464	580	546	513	641	Yes	94%
TWD1652GE	505	480	600	557	529	661	No									No	95%
TWD1653GE	547	520	650	604	574	717	No									No	95%



* indication of emission standard.
Net engine performance acc. to ISO3046, BS5514, DIN6271
and in general SAEJ1349 net power
kWm = kiloWatt mechanical, net with fan
kWe = kiloWatt electrical = kWm × gen. eff.
kVA = kiloVoltAmpere calculations based on a 0.8 power factor = kWe / 0.8

China 3* 国三

Engine	Genset Prime Power				Genset Standby Power			GENERATOR EFF. (%)
	50Hz/1500rpm				50Hz/1500rpm			
	kWm	kWe	kVA		kWm	kWe	kVA	
TAD1351GE	279	259	324		306	285	356	93%
TAD1352GE	314	292	365		345	321	401	93%
TAD1354GE	328	305	381		361	336	420	93%
TAD1355GE	355	334	417		390	367	458	94%
TAD1650GE	393	370	462		433	407	508	94%
TAD1651GE	430	404	505		473	445	556	94%
TWD1652GE	505	480	600		557	529	661	95%
TWD1653GE	547	520	650		604	574	717	95%
TWD1645GE	595	560	700		655	616	770	94%

China 4* 国四

Model	Genset Prime Power				Genset Standby Power			GENERATOR EFF. (%)
	50Hz/1500rpm				50Hz/1500rpm			
	kWm	kWe	kVA		kWm	kWe	kVA	
TAD580VE	86	80	100		94	86	107	92%
TAD582VE	118	108	135		129	118	147	92%
TAD880VE	135	124	155		149	137	171	92%
TAD882VE	163	150	187		179	165	206	92%
TAD1181VE	223	207	259		245	228	285	93%
TAD1382VE	267	250	312		294	273	341	93%
TAD1385VE	339	315	394		373	347	433	93%

Tier 4f* 北美四阶段

	Genset Prime Power					Genset Standby Power			
	60Hz/1800rpm					60Hz/1800rpm			GENERATOR EFF.
Model	kWm	kWe	kVA			kWm	kWe	kVA	(%)
TAD580VE	86	80	98			94	86	107	92%
TAD581VE	107	98	123			117	108	135	92%
TAD582VE	131	120	150			144	132	165	92%
TAD881VE	153	140	176			168	154	193	92%
TAD882VE	175	161	201			192	177	221	92%
TAD883VE	197	181	226			216	198	248	92%
TAD1181VE	217	200	250			238	219	274	92%
TAD1381VE	233	216	271			256	238	297	93%
TAD1382VE	259	241	301			284	264	331	93%
TAD1383VE	286	266	332			314	292	365	93%
TAD1384VE	312	290	363			343	319	399	93%
TAD1385VE	334	310	388			368	343	427	93%
TWD1682GE	532	508	635			585	559	698	95.5%
TWD1683GE	595	560	700			655	616	770	94%

Stage V* 欧五

	Genset Prime Power				Genset Standby Power			
Model	50Hz/1500rpm				50Hz/1500rpm			GENERATOR EFF. (%)
	kWm	kWe	kVA		kWm	kWe	kVA	
TAD580VE	86	80	100		94	86	107	92%
TAD581VE	104	95	118		114	104	130	92%
TAD582VE	118	108	135		129	118	147	92%
TAD880GE	129	120	150		142	132	165	93%
TAD881GE	172	160	200		189	176	220	93%
TAD882GE	215	200	250		237	220	276	93%
TAD1380GE	260	242	302		286	266	332	93%
TAD1381GE	303	282	352		333	310	387	93%
TAD1382GE	340	320	400		374	352	440	94%
TWD1683GE	570	536	670		627	589	737	94%

※ 上述所有表格中的数据值可能因发动机升级而改变，VOLVO PENTA 拥有最终解释权。

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