

**VOLVO  
PENTA**

Off-road and stationary

# ENGINE RANGE

INDUSTRIAL ENGINES



**5 LITRE SERIES**



**8 LITRE SERIES**



**11 LITRE SERIES**



**13 LITRE SERIES**



**16 LITRE SERIES**



# Power generation engines

## Stage I / Tier 1\*

Engine	50 Hz/1500 rpm						60 Hz/1800 rpm						GENERATOR EFF. (%)
	PRIME POWER			STANDBY			PRIME POWER			STANDBY			
	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	
TD520GE	75	68	85	83	75	94	77	70	88	85	77	96	91%

## Stage II / Tier 2\*

TAD530GE	75	68	85	83	76	95	76	69	86	85	77	97	91%
TAD531GE	88	81	101	97	89	112	91	84	105	100	92	115	92%
TAD532GE	113	104	130	125	115	144	114	105	131	126	116	145	92%
TAD730GE	113	104	130	125	115	144	114	105	131	126	116	145	92%
TAD731GE	134	123	154	148	136	170	139	128	160	153	141	176	92%
TAD732GE	159	146	183	176	162	202	173	159	199	192	177	221	92%
TAD733GE	176	164	205	194	180	226	192	179	223	213	198	248	93%
TAD734GE	219	204	255	241	224	280	223	207	259	247	230	287	93%
TAD1341GE	275	255	319	302	281	351	294	273	342	324	301	377	93%
TAD1342GE	303	282	352	333	310	387	345	321	401	377	351	438	93%
TAD1343GE	325	302	378	356	331	414	353	328	410	388	361	451	93%
TAD1344GE	354	329	411	389	362	452	392	364	455	431	401	501	93%
TAD1345GE	388	365	456	431	405	506	392	368	460	431	405	506	94%
TAD1640GE	392	368	460	431	405	506	430	404	505	479	450	563	94%
TAD1641GE	430	404	505	473	445	556	485	456	570	546	513	642	94%
TAD1642GE	503	473	591	554	521	651	532	500	625	585	550	687	94%
TWD1643GE	536	504	630	596	560	700	585	550	687	644	605	757	94%

## Stage IIIA / Tier 3\*

Engine	50 Hz/1500 rpm						60 Hz/1800 rpm						GENERATOR EFF. (%)
	PRIME POWER			STANDBY			PRIME POWER			STANDBY			
	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	kWm	kWe	kVA	
TAD550GE	76	69	86	84	76	96	85	77	97	94	86	107	91%
TAD551GE	89	82	102	98	90	113	100	92	115	110	101	127	92%
TAD750GE	113	104	130	127	117	146	125	115	144	141	130	162	92%
TAD751GE	132	121	152	146	134	168	148	136	170	164	151	189	92%
TAD752GE	158	145	182	174	160	200	177	163	204	196	180	225	92%
TAD753GE	175	163	203	194	180	226	197	183	229	218	203	253	93%
TAD754GE	219	204	255	242	225	281	222	206	258	245	228	285	93%
TAD1350GE							245	227	284	269	250	313	93%
TAD1351GE	279	259	324	306	285	356	294	273	341	323	300	375	93%
TAD1352GE	314	292	365	345	321	401	344	320	400	376	350	437	93%
TAD1353GE							391	364	454	430	400	500	93%
TAD1354GE	328	305	381	361	336	420	344	320	400	376	350	437	93%
TAD1355GE	355	334	417	390	367	458	344	323	404	376	353	442	94%
TAD1650GE	393	370	462	433	407	508	439	413	516	483	454	568	94%
TAD1651GE	430	404	505	473	445	556	494	464	580	546	513	641	94%
TWD1652GE	505	480	600	557	529	661							95%
TWD1653GE	547	520	650	604	574	717							95%

## Tier 4i\*

TWD1663GE							593	566	708	655	626	782	95,5%
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## Tier 4f\*

TWD1672GE							532	508	635	585	559	698	95,5%
TWD1673GE							595	570	713	655	625	781	95,5%

## Stage I / Tier 1\*

Engine	400 Hz / 2000 rpm						GENERATOR EFF. (%)
	kWm	kWe	kVA	kWm	kWe	kVA	
TD720GE	119	109	137	132	121	152	92%

## Stage II / Tier 2\*

TAD731GE	143	132	164	159	146	183	92%
TAD733GE	171	157	197	192	177	221	92%

# TAD 1353 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

\* indication of emission standard. \*\* wet weight

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

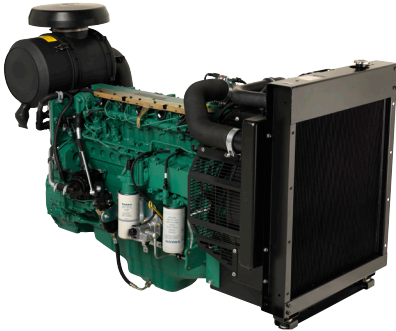


# Power generation

## 5 LITRE SERIES



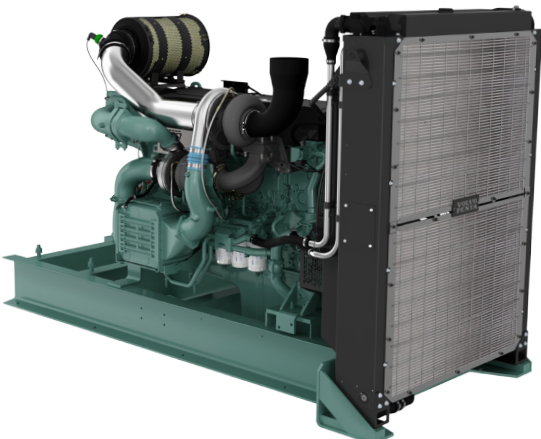
## 7 LITRE SERIES



## 13 LITRE SERIES



## 16 LITRE SERIES



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