

PowerWAVE Generators

Technical Specification



PowerWAVE Generators

Canopied units

T Series generating sets from 8.6–12 kVA (single-phase) or 11.5–16 kVA (three-phase) with weatherproof/acoustic enclosure

Single-phase (230 V) Mitsubishi engine	Standby rating kVA (0.8pf)	Prime rating (kVA @ 0.8pf)	Base tank options	Dimensions L x W x H (mm)	Dry weight (kg)	Run time @ 100% prime load (hours)	Run time @ 75% prime load (hours)	Enclosure reference	Acoustic pressure level dB(A) @ 1 m
T9KM	8.6	7.8	Standard day tank (50L)	1750 x 775 x 1230	544	16	20	M126	71
			DW24 tank option (93L)	1797 x 775 x 1391	625	30	37	M126 DW	71
T12KM	12	10.9	Standard day tank (50L)	1750 x 775 x 1230	630	11	14.5	M126	72
			DW24 tank option (93L)	1797 x 775 x 1391	668	21	27	M126 DW	71
Three-phase (400/230 V)	Standby rating kVA (0.8pf)	Prime rating (kVA @ 0.8pf)	Base tank options	Dimensions L x W x H (mm)	Dry weight (kg)	Run time @ 100% prime load (hours)	Run time @ 75% prime load (hours)	Enclosure reference	Acoustic pressure level dB(A) @ 1 m
T12K	11.5	10.5	Standard day tank (50L)	1750 x 775 x 1230	530	16	20	M126	71
			DW24 tank option (93L)	1797 x 775 x 1391	615	30	37	M126 DW	71
T16K	16	14.5	Standard day tank (50L)	1750 x 775 x 1230	554	11	14.5	M126	72
			DW24 tank option (93L)	1797 x 775 x 1391	633	21	27	M126 DW	71

V Series generating sets from 275 kVA to 700 kVA with weatherproof/acoustic enclosure

Three-phase (400/230 V) Volvo engine	Standby rating kVA (0.8pf)	Prime rating (kVA @ 0.8pf)	Base tank options	Dimensions L x W x H (mm) *includes additional 300 mm for bund	Dry weight (kg)	Run time @ 100% prime load (hours)	Run time @ 75% prime load (hours)	Enclosure reference	Acoustic pressure level dB(A) @ 1 m
V275C2	275	250	Standard day tank (390L)	4004 x 1380 x 2445*	3130	7	9	M227	78
			DW24 tank option (950L)	4056 x 1380 x 2340	3850	17.5	22	M227 DW	77
V350C2	350	318	Standard day tank (470L)	4475 x 1410 x 2430	4035	7	9.5	M228	77
			DW24 tank option (1368L)	4527 x 1410 x 2700	4558	21.5	28	M228 DW	80
V400C2	390	355	Standard day tank (470L)	4475 x 1410 x 2730*	4082	6.5	8.5	M228	77
			DW24 tank option (1368L)	4527 x 1410 x 2700	4612	19	25.5	M228 DW	80
V440C2	440	400	Standard day tank (470L)	4475 x 1410 x 2730*	4080	5.5	7	M228	78
			DW24 tank option (1368L)	4527 x 1410 x 2700	4740	16	21.5	M228 DW	81
V500C2	500	455	Standard day tank (470L)	4475 x 1410 x 2730*	4360	5	6.5	M228	78
			DW24 tank option (1368L)	4527 x 1410 x 2700	4910	14.5	19.5	M228 DW	81
V550C2	550	500	Standard day tank (500L)	5031 x 1560 x 2735*	4870	4.5	6.5	M229	76
			DW24 tank option (1770L)	5083 x 1560 x 2700	5590	17	23.5	M229 DW	76
V650C2	650	591	Standard day tank (610L)	5031 x 1690 x 2972*	5300	5	7	M230	80
			DW24 tank option (1950L)	5083 x 1690 x 2932	5910	16.5	22.5	M230 DW	80
V700C2	700	650	Standard day tank (610L)	5031 x 1690 x 2972*	5410	4.5	6	M230	85
			DW24 tank option (1950L)	5083 x 1690 x 2932	6140	13.5	18.5	M230 DW	85

Based on manufacturer's information; may be subject to change.

K Series generating sets from 6–26 kVA (single-phase) or 9–44 kVA (three-phase) with weatherproof/acoustic enclosure

Single-phase (230 V) Kohler Engine	Standby rating kVA (0.8pf)	Prime rating (kVA @ 0.8pf)	Base tank options	Dimensions L x W x H (mm)	Dry weight (kg)	Run time @ 100% prime load (hours)	Run time @ 75% prime load (hours)	Enclosure reference	Acoustic pressure level dB(A) @ 1 m
K6M	6.4	5.8	Standard day tank (50L)	1482 x 760 x 1030	390	20	26	M125	67
K10M	9	8.2	Standard day tank (50L)	1750 x 775 x 1230	520	15	20	M126	67
			DW24 tank option (93L)	1797 x 775 x 1391	670	28	37	M126 DW	66
K12M	11.8	10.7	Standard day tank (50L)	1750 x 775 x 1230	610	10	13.5	M126	74
			DW24 tank option (93L)	1797 x 775 x 1391	760	18.5	25	M126 DW	74
K17M	15.5	14.1	Standard day tank (50L)	1750 x 775 x 1230	700	11	15	M126	71
			DW24 tank option (93L)	1797 x 775 x 1391	850	20.5	28	M126 DW	71
K26M	26	23.6	Standard day tank (100L)	2100 x 938 x 1285	809	13	17.5	M137	76
			DW24 tank option (240L)	2100 x 932 x 1486	1018	32	42	M137 DW24	75
			DW48 tank option (470L)	2100 x 932 x 1539	1025	62.5	82	M137 DW48	75
Three-phase (400/230 V) Kohler engine	Standby rating kVA (0.8pf)	Prime rating (kVA @ 0.8pf)	Base tank options	Dimensions L x W x H (mm)	Dry weight (kg)	Run time @ 100% prime load (hours)	Run time @ 75% prime load (hours)	Enclosure reference	Acoustic pressure level dB(A) @ 1 m
K9	8.9	8.1	Standard day tank (50L)	1482 x 760 x 1030	390	20	26	M125	67
K12	12	10.9	Standard day tank (50L)	1750 x 775 x 1230	510	15	20	M126	67
			DW24 tank option (93L)	1797 x 775 x 1391	660	28	37	M126 DW	66
K16	16.5	15	Standard day tank (50L)	1750 x 775 x 1230	580	10	13.5	M126	74
			DW24 tank option (93L)	1797 x 775 x 1391	730	18.5	25	M126 DW	74
K22	21.5	19.5	Standard day tank (50L)	1750 x 775 x 1230	660	11	15	M126	71
			DW24 tank option (93L)	1797 x 775 x 1391	800	20.5	58	M126 DW	71
K27	26.5	24.1	Standard day tank (50L)	1750 x 775 x 1230	710	8	11	M126	76
			DW24 tank option (93L)	1797 x 775 x 1391	860	15.5	21	M126 DW	76
K33	33	30	Standard day tank (100L)	2100 x 938 x 1285	773	13	17.5	M137	76
			DW24 tank option (240L)	2100 x 932 x 1486	982	32	42	M137 DW	75
			DW48 tank option (470L)	2100 x 932 x 1539	989	62.5	82	M137 DW48	75
K44	44	40	Standard day tank (100L)	2100 x 938 x 1285	806	10.5	14	M137	76
			DW24 tank option (240L)	2100 x 932 x 1486	1015	25.5	33.5	M137 DW	76
			DW48 tank option (470L)	2100 x 932 x 1539	1022	50	66	M137 DW48	75

J Series generating sets from 22–250 kVA with weatherproof/acoustic enclosure

Three-phase (400/230 V) John Deere Engine	Standby rating (kVA @ 0.8pf)	Prime rating (kVA @ 0.8pf)	Base tank options	Dimensions L x W x H (mm) *includes additional 300 mm for bund	Dry weight (kg)	Run time @ 100% prime load (hours)	Run time @ 75% prime load (hours)	Enclosure reference	Acoustic pressure level dB(A) @ 1 m
J22	22	20	Standard day tank (100L)	2080 x 960 x 1415	980	14	20	M127	75
			DW24 tank option (230L)	2160 x 966 x 1582	1160	32.5	46	M127 DW	74
			DW48 tank option (420L)	2160 x 966 x 1631	1124	60	84	M127 DW48	74
J33	33	30	Standard day tank (100L)	2080 x 960 x 1415	980	14	20	M127	75
			DW24 tank option (230L)	2160 x 966 x 1582	1160	32.5	46	M127 DW	74
			DW48 tank option (420L)	2160 x 966 x 1631	1165	60	84	M127 DW48	74
J44K	44	40	Standard day tank (100L)	2080 x 960 x 1415	1040	10	13	M127	74
			DW24 tank option (230L)	2160 x 966 x 1582	1227	23	30.5	M127 DW	74
			DW48 tank option (420L)	2160 x 966 x 1631	1215	42.5	56	M127 DW48	74
J66K	66	60	Standard day tank (180L)	2300 x 1060 x 1680	1432	11	15	M128	73
			DW24 tank option (390L)	2344 x 1060 x 1900	1679	24	32.5	M128 DW	72
			DW48 tank option (700L)	2344 x 1060 x 1989	1709	43.5	58	M128 DW48	72
J77K	77	70	Standard day tank (180L)	2300 x 1060 x 1680	1548	11	15	M128	74
			DW24 tank option (390L)	2344 x 1060 x 1900	1735	24	32.5	M128 DW	73
			DW48 tank option (700L)	2344 x 1060 x 1989	1765	43.5	58	M128 DW48	73
J88K	88	80	Standard day tank (180L)	2300 x 1060 x 1680	1508	9	12.5	M128	76
			DW24 tank option (390L)	2344 x 1060 x 1900	1695	20	27.5	M128 DW	75
			DW48 tank option (700L)	2344 x 1060 x 1989	1725	35.5	50	M128 DW48	75
J110K	110	100	Standard day tank (190L)	2554 x 1150 x 1680	1587	8	11.5	M129	78
			DW24 tank option (505L)	2602 x 1150 x 1900	2006	21	30.5	M129 DW	77
			DW48 tank option (825L)	2602 x 1150 x 1948	2012	35	50	M129 DW48	77
J130K	132	120	Standard day tank (340L)	3508 x 1200x 2130*	2088	13	18	M226	75
			DW24 tank option (868L)	3560 x 1200 x 2182	2488	33	46.5	M226 DW	74
			DW48 tank option (1630L)	3560 x 1200 x 2364	2656	62.5	88	M226 DW48	74
J165K	165	150	Standard day tank (340L)	3508 x 1200x 2130*	2168	10	13.5	M226	75
			DW24 tank option (868L)	3560 x 1200 x 2182	2561	25.5	34.5	M226DW	74
			DW48 tank option (1630L)	3560 x 1200 x 2364	2816	48.5	65	M226 DW48	74
J200K	200	182	Standard day tank (340L)	3508 x 1200x 2130*	2320	8	10.5	M226	76
			DW24 tank option (868L)	3560 x 1200 x 2182	2713	21	27.5	M226DW	76
			DW48 tank option (1630L)	3560 x 1200 x 2364	2978	39.5	52	M226 DW48	76
J220C2	220	200	Standard day tank (340L)	3508 x 1200x 2130*	2366	7.5	10	M226	77
			DW24 tank option (868L)	3560 x 1200 x 2182	2736	19	25.5	M226DW	77
			DW48 tank option (1630L)	3560 x 1200 x 2364	2994	36	47.5	M226 DW48	77
J250K	250	227	Standard day tank (340L)	3508 x 1200x 2130*	2400	7	9	M226	82
			DW24 tank option (868L)	3560 x 1200 x 2182	2740	18	24	M226DW	82
			DW48 tank option (1630L)	3560 x 1200 x 2364	2800	34.5	45	M226 DW48	82

Based on manufacturer's information; may be subject to change.

D Series generating sets from 275–830 kVA with weatherproof/acoustic enclosure

Three-phase (400/230 V) Doosan engine	Standby rating (kVA @ 0.8pf)	Prime rating (kVA @ 0.8pf)	Base tank options	Dimensions L x W x H (mm) *includes additional 300 mm for bund	Dry weight (kg)	Run time @ 100% prime load (hours)	Run time @ 75% prime load (hours)	Enclosure reference	Acoustic pressure level dB(A) @ 1 m
D275	275	250	Standard day tank (390L)	4004 x 1380 x 2445*	3160	6.5	8.9	M227	83
			DW24 tank option (950L)	4056 x 1380 x 2340	3600	16	21.5	M227 DW	83
			DW48 tank option (2130L)	4056 x 1380 x 2618	3960	36.5	48.5	M227 DW24	83
D300	300	273	Standard day tank (390L)	4004 x 1380 x 2445*	3250	6.5	8.9	M227	83
			DW24 tank option (950L)	4056 x 1380 x 2340	3690	16	21.5	M227 DW	83
			DW48 tank option (2130L)	4056 x 1380 x 2618	4050	36.5	48.5	M227 DW24	83
D330	330	300	Standard day tank (470L)	4475 x 1410 x 2730*	3540	7	10	M228	81
			DW24 tank option (1368L)	4527 x 1410 x 2700	4060	21.5	29	M228 DW	81
D440	440	400	Standard day tank (500L)	5031 x 1560 x 2735*	4090	5.5	7.5	M229	85
			DW24 tank option (1770L)	5083 x 1560 x 2700	4750	19.5	27	M229 DW	85
D550	550	500	Standard day tank (500L)	5031 x 1560 x 2735*	4262	4	6	M229	84
			DW24 tank option (1770L)	5083 x 1560 x 2700	5044	15	21	M229 DW	84
D630	630	573	Standard day tank (610L)	5031 x 1690 x 2972*	5381	4.5	6	M230	88
			DW24 tank option (1950L)	5083 x 1690 x 2932	6099	15.5	20.5	M230 DW	88
D700	694	634	Standard day tank (610L)	5031 x 1690 x 2972*	5381	4	5.5	M230	88
			DW24 tank option (1950L)	5083 x 1690 x 2932	6099	14	18.5	M230 DW	88
D830	825	750	Standard day tank (610L)	5031 x 1690 x 2972*	5670	3.5	5	M230	88
			DW24 tank option (1950L)	5083 x 1690 x 2932	6370	12	16	M230 DW	88

Based on manufacturer's information; may be subject to change.

Open units

T Series generating sets from 8.6–12 kVA (single-phase) or 11.5–16 kVA (three-phase)

Single-phase (230 V) Mitsubishi engine	Standby rating (kVA @ 0.8pf)	Prime rating (kVA @ 0.8pf)	Base tank options	Dimensions L x W x H (mm)	Dry weight (kg)	Run time @ 100% prime load (hours)	Run time @ 75% prime load (hours)
T9KM	8.6	7.8	Standard day tank (50L)	1405 x 715 x 1053	396	16	20
T12KM	12	10.9	Standard day tank (50L)	1405 x 715 x 1053	406	11	14.5
Three-phase (400/230 V) Mitsubishi engine	Standby rating (kVA @ 0.8pf)	Prime rating (kVA @ 0.8pf)	Base tank options	Dimensions L x W x H (mm)	Dry weight (kg)	Run time @ 100% prime load (hours)	Run time @ 75% prime load (hours)
T12K	11.5	10.5	Standard day tank (50L)	1405 x 715 x 1053	387	16	20
T16K	16	14.5	Standard day tank (50L)	1405 x 715 x 1053	406	11	14.5

K Series generating sets from 6–26 kVA (single-phase) or 9–44 kVA (three-phase)

Single-phase (230 V) Kohler engine	Standby rating (kVA @ 0.8pf)	Prime rating (kVA @ 0.8pf)	Base tank options	Dimensions L x W x H (mm)	Dry weight (kg)	Run time @ 100% prime load (hours)	Run time @ 75% prime load (hours)
K6M	6.4	5.8	Standard day tank (50L)	1220 x 700 x 920	290	20	26
K10M	9	8.2	Standard day tank (50L)	1410 x 720 x 1020	350	15	20
K12M	11.8	10.7	Standard day tank (50L)	1410 x 720 x 1020	440	10	13.5
K17M	15.5	14.1	Standard day tank (50L)	1410 x 720 x 1080	530	11	15
K26M	26	23.6	Standard day tank (100L)	1700 x 896 x 1200	621	13	17.5
Three-phase (400/230 V) Kohler engine	Standby rating (kVA @ 0.8pf)	Prime rating (kVA @ 0.8pf)	Base tank options	Dimensions L x W x H (mm)	Dry weight (kg)	Run time @ 100% prime load (hours)	Run time @ 75% prime load (hours)
K9	8.9	8.1	Standard day tank (50L)	1220 x 700 x 920	290	20	26
K12	12	10.9	Standard day tank (50L)	1410 x 720 x 1020	340	15	20
K16	16.5	15	Standard day tank (50L)	1410 x 720 x 1020	410	10	13.5
K22	21.5	19.5	Standard day tank (50L)	1410 x 720 x 1080	490	11	15
K27	26.5	24.1	Standard day tank (50L)	1410 x 720 x 1080	540	8	11
K33	33	30	Standard day tank (100L)	1700 x 896 x 1200	585	13	17.5
K44	44	40	Standard day tank (100L)	1700 x 896 x 1200	618	10.5	14

Based on manufacturer's information; may be subject to change.

J Series generating sets from 22–250 kVA

Three-phase (400/230 V) John Deere engine	Standby rating (kVA @ 0.8pf)	Prime rating (kVA @ 0.8pf)	Base tank options	Dimensions L x W x H (mm) *includes additional 300 mm for bund	Dry weight (kg)	Run time @ 100% prime load (hours)	Run time @ 75% prime load (hours)
J22	22	20	Standard day tank (100L)	1700 x 896 x 1221	750	14	20
J33	33	30	Standard day tank (100L)	1700 x 896 x 1221	750	14	20
J44K	44	40	Standard day tank (100L)	1700 x 896 x 1221	820	10	13
J66K	66	60	Standard day tank (180L)	1870 x 994 x 1360	995	11	15
J77K	77	70	Standard day tank (180L)	1870 x 994 x 1360	1128	11	15
J88K	88	80	Standard day tank (180L)	1870 x 994 x 1360	1088	9	12.5
J110K	110	100	Standard day tank (190L)	1950 x 1084 x 1330	1187	8	11.5
J130K	132	120	Standard day tank (340L)	2370 x 1114 x 1780*	1498	13	18
J165K	165	150	Standard day tank (340L)	2370 x 1114 x 1780*	1578	10	13.5
J200K	200	182	Standard day tank (340L)	2370 x 1114 x 1780*	1716	8	10.5
J220C2	220	200	Standard day tank (340L)	2398 x 1114 x 1835*	1766	7.5	10
J250K	250	227	Standard day tank (340L)	2398 x 1114 x 1835*	1800	7	9

V Series generating sets from 275–700 kVA

Three-phase (400/230 V) Volvo engine	Standby rating (kVA @ 0.8pf)	Prime rating (kVA @ 0.8pf)	Base tank options	Dimensions L x W x H (mm) *includes additional 300 mm for bund	Dry weight (kg)	Run time @ 100% prime load (hours)	Run time @ 75% prime load (hours)
V275C2	275	250	Standard day tank (390L)	2900 x 1300 x 1890*	2200	7	9
V350C2	350	318	Standard day tank (470L)	3160 x 1340 x 2105*	3103	7	9.5
V400C2	390	355	Standard day tank (470L)	3160 x 1340 x 2105*	2972	6.5	8.5
V440C2	440	400	Standard day tank (470L)	3160 x 1340 x 2105*	3110	5.5	7
V500C2	500	455	Standard day tank (470L)	3160 x 1340 x 2105*	3250	5	6.5
V550C2	550	500	Standard day tank (500L)	3470 x 1500 x 2343*	3620	4.5	6.5
V650C2	650	591	Standard day tank (610L)	3470 x 1630 x 2395*	3780	5	7
V700C2	700	650	Standard day tank (610L)	3470 x 1630 x 2350*	4020	4.5	6

D Series generating sets from 275–830 kVA

Three-phase (400/230 V) Doosan engine	Standby rating (kVA @ 0.8pf)	Prime rating (kVA @ 0.8pf)	Base tank options	Dimensions L x W x H (mm) *includes additional 300 mm for bund	Dry weight (kg)	Run time @ 100% prime load (hours)	Run time @ 75% prime load (hours)
D275	275	250	Standard day tank (390L)	2900 x 1300 x 1970*	2310	6.5	8.9
D300	300	273	Standard day tank (390L)	2900 x 1300 x 1970*	2400	6.5	8.9
D330	330	300	Standard day tank (470L)	3160 x 1340 x 1892*	2440	7	10
D440	440	400	Standard day tank (500L)	3470 x 1500 x 2129*	2910	5.5	7.5
D550	550	500	Standard day tank (500L)	3470 x 1500 x 2115*	3220	4	6
D630	630	573	Standard day tank (610L)	3470 x 1630 x 2462*	3700	4.5	6
D700	694	634	Standard day tank (610L)	3470 x 1630 x 2462*	3700	4	5.5
D830	825	750	Standard day tank (610L)	3470 x 1630 x 2485*	4080	3.5	5

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