



Technical
Specifications
FT - FT+ - FMP



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Choose your Application

Fuchardt Diesel Generators are designed to deliver an out of the box solution for any application. From 6kva to 1500kva, Fuchardt machines are available in a variety of engine options and are specifically built around the most important value drivers for your individual application. Por as aut volupta aut doluptium debis vernam aspiciis volor rem dus, cum invenet quis qui as ut ulpa nulparia consequae debist, nate prorat as es di reseque voloreicab inverio nseque sum quam, esto bea dendaeperum aut explabor autem et apis molupta testotate preperum natiost quam rem rerovit as ut ma audia di rectatque



FT **STANDBY**

Standby Application

This is where a generator is only to be used in the event of blackout. The machine will run only a small amount of hours each year. Because of this, the main decision making factors for selecting a standby generator are; price and access to service and parts.



FT+ **STATIONARY**

Stationary Application

A stationary generator will be used as the sole source of power but will be fixed in one position or rarely moved over its life. Over 90% of the cost of running a diesel generator is fuel, so the key decision making criteria for a stationary generator is fuel consumption. A machine with a lighter built frame can however be used to save money as the machine will not be moved around.



FMP **MOBILE**

Mobile Application

As with stationary, a mobile generator will run a lot of hours so fuel consumption is the key decision making criteria but a robust canopy must also be selected as the unit will be moved from site to site such as a construction or rental application.



Standby Automatic Start

A **standby application** is where mains power exists, and the generator is only operated in the event of blackout. The Fuchardt FT Standby Range is ready for plug and play installation. The units come with an Auto Mains Failure control system, soundproof canopy and fork skid base. Fuchardt FT Standby Generators also include a direct plug receptacle for an Automatic Transfer Switch. Out of the box, Fuchardt machines will detect a blackout, start automatically, transfer your load over to generator power, and then put your load back on mains and stop automatically once mains power is restored.



FT Standby Series Standard Features



Battery Isolator



Emergency Stop



DSE Controller



Fork Pocket Skid



Center Lift



ATS Connector Port



	FT 7-KU	FT 10-KU	FT 18-KU	FT 22-KU	FT 33-KU	FT 40-KU	FT 55-DE	FT 66-IV	FT 110-IV	FT 175-IV
Rated Power Prime (Kva)	7KVA	9kVA	15kVA	20kVA	30kVA	37kVA	50kVA	65kVA	100kVA	160kVA
Rated Power Standby (Kva)	7.5kVA	10kVA	16.5kVA	22kVA	33kVA	40.7kVA	55kVA	75kVA	110kVA	176kVA
Frequency (Hz)	50	50	50	50	50	50	50	50	50	50
Engine Make	KUBOTA	KUBOTA	KUBOTA	KUBOTA	KUBOTA	KUBOTA	DEUTZ	IVECO	IVECO	IVECO
Engine Model	D1105-BG-ES01	D1105-BG-ES01	D1703-BG-EU1	V2203-BG-ES03	V3300-BG-EU1	V3300-T-BG-ES02	F6L912	NEF45SM1A	NEF45TM2A	NEF67TM3A
Engine Speed (Rpm)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Phase	3	3	3	3	3	3	3	3	3	3
Pf (%)	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Control System	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Rated Voltage (V)	240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240
Fuel Consumption (L/H @ 75%)	1.9	1.9	2.8	3.8	5.3	6.3	9.7	12.3	16.2	25.9
Tank Capacity (L)	40	40	50	70	80	80	110	110	150	150
Dimensions (LxWxH mm)	1850 x 770 x 1130	1850 x 770 x 1130	2000 x 930 x 1230	2100 x 930 x 1230	2200 x 980 x 1270	2200 x 980 x 1270	2750 x 1130 x 1200	2750 x 1130 x 1200	2600 x 1080 x 1530	3430 x 1130 x 1750
Dry Weight (Kg)	680	680	920	1000	1100	1130	1380	1380	1390	2450
Alternator	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD
Ambient Rating (°c)	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C
Sound Rating (dBA)	70	70	70	70	70	70	70	70	70	70

	FT 220-VO	FT 275-VO	FT 350-VO	FT 400-VO	FT 550-VO	FT 650-VO	FT 880 -CU	FT 1100-PE	FT 1400-CU	FT 1650-CU
Rated Power Prime (Kva)	200kVA	250kVA	315kVA	350kVA	500kVA	590kVA	800kVA	1000kVA	1250kVA	1500kVA
Rated Power Standby (Kva)	220kVA	275kVA	347kVA	385kVA	550kVA	649kVA	880kVA	1100kVA	1400kVA	1650kVA
Frequency (Hz)	50	50	50	50	50	50	50	50	50	50
Engine Make	VOLVO	VOLVO	VOLVO	VOLVO	VOLVO	VOLVO	CUMMINS	PERKINS	CUMMINS	CUMMINS
Engine Model	TAD733GE	TAD734GE	TAD1341GE	TAD1342GE	TAD1641GE	TAD1642GE	KTA38-G2B	4008TAG2	KTA50-G3	KTA50-GS8
Engine Speed (Rpm)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Phase	3	3	3	3	3	3	3	3	3	3
Pf (%)	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Control System	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Rated Voltage (V)	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240
Fuel Consumption (L/H @ 75%)	33.4	38.4	45.7	57.3	75.6	94.5	121	162	199	239
Tank Capacity (L)	240	240	580	660	750	750	500	500	500	500
Dimensions (LxWxH mm)	3430 x 1130 x 1750	3430 x 1130 x 1750	4250 x 1422 x 1422	4300 x 1572 x 2261	4600 x 1672 x 2261	4600 x 1672 x 2261	6000 x 2400 x 2900	6000 x 2400 x 2900	6000 x 2400 x 2900	6000 x 2400 x 2900
Dry Weight (Kg)	2500	3100	1422	4210	5250	5400	14000	9500	17000	18000
Alternator	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD
Ambient Rating (°c)	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C
Sound Rating (dBA)	70	70	70	70	70	70	71	71	72	72

Stationary Fuel Efficient

A **stationary application** is where the generator is the main source of power, but it will spend all or most of its life in one location. Over 90% of the cost of operating a generator is fuel, so Fuchardt FT Stationary generators are fitted with fuel efficient, reliable European and Japanese Engines and STAMFORD Alternators. Fuchardt FT Stationary machines also come standard with Deep Sea brand controllers and individually earth leakage protected outlet kits, as well as emergency stop buttons and fork pocket skid bases.



FT+ Stationary Series Standard Features



Battery Isolator



Emergency Stop



DSE Controller



Fork Pocket



Center Lift



ATS Connector



Outlets



	FT 7-KU+	FT 10-KU+	FT 18-KU+	FT 22-KU+	FT 33-KU+	FT 40-KU	FT 55-DE+	FT 66-IV+	FT 110-IV+	FT 175-IV+
Rated Power Prime (Kva)	7KVA	9kVA	15kVA	20kVA	30kVA	37kVA	50kVA	65kVA	100kVA	160kVA
Rated Power Standby (Kva)	7.5kVA	10kVA	16.5kVA	22kVA	33kVA	40.7kVA	55kVA	75kVA	110kVA	176kVA
Frequency (Hz)	50	50	50	50	50	50	50	50	50	50
Engine Make	KUBOTA	KUBOTA	KUBOTA	KUBOTA	KUBOTA	KUBOTA	DEUTZ	IVECO	IVECO	IVECO
Engine Model	D1105-BG-ES01	D1105-BG-ES0	D1703-BG-EU	V2203-BG-ES03	V3300-BG-EU1	V3300-T-BG-ES02	F6L912	NEF45SM1A	NEF45TM2A	NEF67TM3A
Engine Speed (Rpm)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Phase	3	3	3	3	3	3	3	3	3	3
Pf (%)	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Control System	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Rated Voltage (V)	240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240
Fuel Consumption (L/H @ 75%)	1.9	1.9	2.8	3.8	5.3	6.3	9.7	12.3	16.2	25.9
Tank Capacity (L)	40	40	50	70	80	80	110	110	150	150
Dimensions (LxWxH mm)	1850 x 770 x 1130	1850 x 770 x 1130	2000 x 930 x 1230	2100 x 930 x 1230	2200 x 980 x 1270	2200 x 980 x 1270	2750 x 1130 x 1200	2750 x 1130 x 1200	2600 x 1080 x 1530	3430 x 1130 x 1750
Dry Weight (Kg)	680	680	920	1000	1100	1130	1380	1380	1390	2450
Alternator	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD
Ambient Rating (°c)	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C
Sound Rating (dBA)	70	70	70	70	70	70	70	70	70	70

	FT 220-V0+	FT 275-V0+	FT 350-V0+	FT 400-V0+	FT 550-V0+	FT 650-V0+	FT 880 -CU+	FT 1100-PE+	FT 1400-CU+	FT 1650-CU+
Rated Power Prime (Kva)	200kVA	250kVA	315kVA	350kVA	500kVA	590kVA	800kVA	1000kVA	1250kVA	1500kVA
Rated Power Standby (Kva)	220kVA	275kVA	347kVA	385kVA	550kVA	649kVA	880kVA	1100kVA	1400kVA	1650kVA
Frequency (Hz)	50	50	50	50	50	50	50	50	50	50
Engine Make	VOLVO	VOLVO	VOLVO	VOLVO	VOLVO	VOLVO	CUMMINS	PERKINS	CUMMINS	CUMMINS
Engine Model	TAD733GE	TAD734GE	TAD1341GE	TAD1342GE	TAD1641GE	TAD1642GE	KTA38-G2B	4008TAG2	KTA50-G3	KTA50-GS8
Engine Speed (Rpm)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Phase	3	3	3	3	3	3	3	3	3	3
Pf (%)	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Control System	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Rated Voltage (V)	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240
Fuel Consumption (L/H @ 75%)	33.4	38.4	45.7	57.3	75.6	94.5	121	162	199	239
Tank Capacity (L)	240	240	580	660	750	750	500	500	500	500
Dimensions (LxWxH mm)	3430 x 1130 x 1750	3430 x 1130 x 1750	4250 x 1422 x 1422	4300 x 1572 x 2261	4600 x 1672 x 2261	4600 x 1672 x 2261	6000 x 2400 x 2900	6000 x 2400 x 2900	6000 x 2400 x 2900	6000 x 2400 x 2900
Dry Weight (Kg)	2500	3100	1422	4210	5250	5400	14000	9500	17000	18000
Alternator	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD
Ambient Rating (°c)	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C
Sound Rating (dBA)	70	70	70	70	70	70	71	71	72	72

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FMP MOBILE

Mobile

Rent

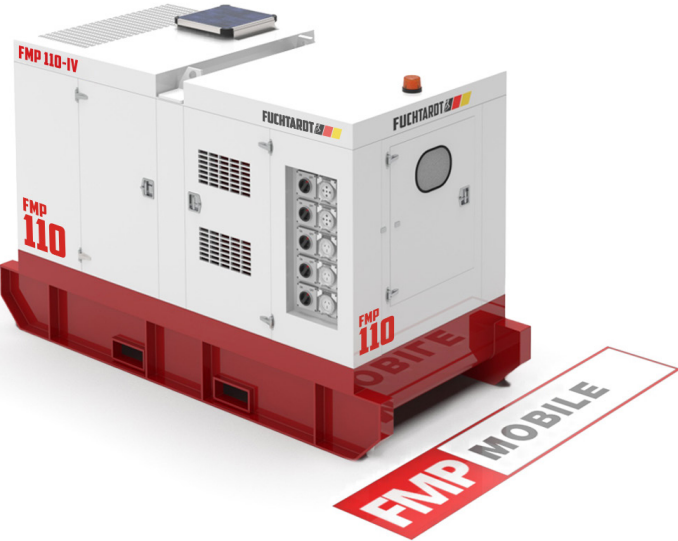
Ready

As with stationary applications, a generator in a **mobile application** will be the main source of power, so fuel economy should be the primary decision-making criteria when selecting a generator. Mobile application generators are also moved from site to site using cranes, forklifts and trucks, and as such must be built with a very robust frame and canopy to ensure durability. Fuchardt's FMP Mobile series of generators come standard with a host of rental, construction and mining ready features, including bundled fork pocket skid base fuel tank, lockable battery isolators, centre lifts points, emergency stop, earth leakage protected outlet kits, fire extinguishers, and three way fuel valves for connection to external bulk fuel cells.



FMP Mobile Series

STANDARD FEATURES



	FMP 7-KU	FMP 10-KU	FMP 18-KU	FMP 22-KU	FMP 33-KU	FMP 40-KU	FMP 55-DE	FMP66-IV	FMP 110-IV	FMP 175-IV
Rated Power Prime (Kva)	7KVA	9kVA	13.2kVA	20kVA	30kVA	37kVA	50kVA	65kVA	100kVA	160kVA
Rated Power Standby (Kva)	7.5kVA	10kVA	16.5kVA	22kVA	33kVA	40.7kVA	55kVA	75kVA	110kVA	176kVA
Frequency (Hz)	50	50	50	50	50	50	50	50	50	50
Engine Make	KUBOTA	KUBOTA	KUBOTA	KUBOTA	KUBOTA	KUBOTA	DEUTZ	IVECO	IVECO	IVECO
Engine Model	D1105-BG-ES01	D1105-BG-ES01	D1703-BG-EU1	V2203-BG-ES03	V3300-BG-EU1	V3300-T-BG-ES02	F6L912	NEF45SM1A	NEF45TM2A	NEF67TM3A
Engine Speed (Rpm)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Phase	3	3	3	3	3	3	3	3	3	3
Pf (%)	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Control System	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Rated Voltage (V)	240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240
Fuel Consumption (L/H @ 75%)	1.9	1.9	2.8	3.8	5.3	6.3	9.7	12.3	16.2	25.9
Tank Capacity (L)	90	90	120	120	180	180	350	350	560	900
Dimensions (LxWxH mm)	1850 x 770 x 1130	1950 x 770 x 1270	2200 x 966 x 1425	2200 x 930 x 1230	2300 x 993 x 1625	2300 x 993 x 1625	2900 x 1130 x 1690	2900 x 1130 x 1430	3150 x 1243 x 1900	3600 x 1335 x 2230
Dry Weight (Kg)	680	710	1040	1000	1130	1180	1480	1690	1780	2580
Alternator	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD
Ambient Rating (°c)	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C
Sound Rating (dBA)	70	90	70	70	70	70	70	70	70	70

	FMP 220-VO	FMP 275-VO	FMP 350-VO	FMP 400-VO	FMP 550-VO	FMP 650-VO	FMP 880 -CU	FMP 1100-PE	FMP 1400-CU	FMP 1650-CU
Rated Power Prime (Kva)	200kVA	250kVA	315kVA	350kVA	500kVA	590kVA	800kVA	1000kVA	1250kVA	1500kVA
Rated Power Standby (Kva)	220kVA	275kVA	347kVA	385kVA	550kVA	649kVA	880kVA	1100kVA	1400kVA	1650kVA
Frequency (Hz)	50	50	50	50	50	50	50	50	50	50
Engine Make	VOLVO	VOLVO	VOLVO	VOLVO	VOLVO	VOLVO	CUMMINS	PERKINS	CUMMINS	CUMMINS
Engine Model	TAD733GE	TAD734GE	TAD1341GE	TAD1342GE	TAD1641GE	TAD1642GE	KTA38-G2B	4008TAG2	KTA50-G3	KTA50-GS
Engine Speed (Rpm)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Phase	3	3	3	3	3	3	3	3	3	3
Pf (%)	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Control System	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Rated Voltage (V)	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240	415 / 240
Fuel Consumption (L/H @ 75%)	33.4	38.4	45.7	57.3	75.6	94.5	121	162	199	239
Tank Capacity (L)	1030	1330	1650	1650	2300	2300	2000	2000	2000	2000
Dimensions (LxWxH mm)	3600 x 1335 x 2300	3800 x 1466 x 2400	4400 x 1585 x 2551	4400 x 1585 x 2551	5800 x 1935 x 2544	5800 x 1935 x 2544	6000 x 2400 x 2900	6000 x 2400 x 2900	6000 x 2400 x 2900	6000 x 2400 x 2900
Dry Weight (Kg)	2700	3350	4650	4440	5600	5780	14000	9500	17000	18000
Alternator	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD
Ambient Rating (°c)	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C	+5°C~+40°C
Sound Rating (dBA)	70	70	70	70	70	70	71	71	72	72



PRODUCT RANGE:



FUCHTARDT



ASTON ELECTRIC



GRIZZLY
FUEL TANKS



SUMO
PLUG & PLAY GEAR

GRIZZLY
FUEL TANKS

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GENERATORS 6KVA - 1500KVA



FUEL CELLS 1KL - 100KL



DISTRIBUTION 10A - 1000A



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Spec, Weight and Measure may vary depending on final build

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