



Technical
Specifications
FT - FT+ - FMP

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Choose your Application

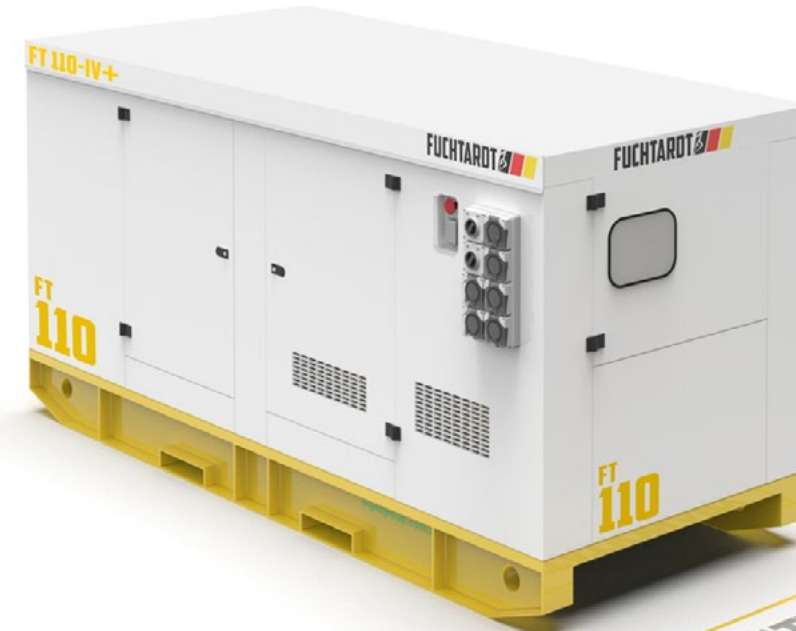
Fuchardt Diesel Generators are designed to deliver an out of the box solution for any application. From 6kva to 1500kva, Fuchardt machines are available in a variety of engine options and are specifically built around the most important value drivers for your individual application. Por as aut volupta aut doluptium debis vernam aspiciis volor rem dus, cum invenet quis qui as ut ulpa nulpria 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

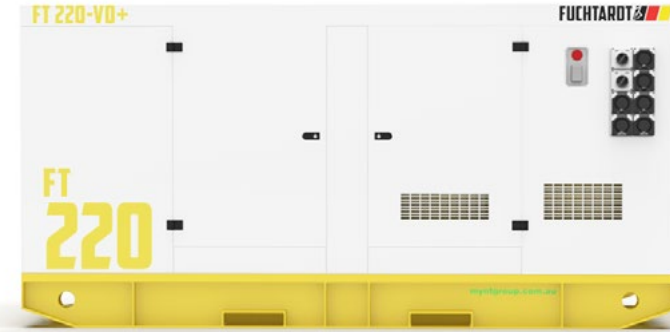


	FT10-PE Single	FT15-PE Single	FT 18-KU	FT 18-YA Single	FT 22-PE Single	FT 22-YA	FT 33-KU	FT 44-YA
Rated Power Prime (Kva)	9.0kVA	13kVA	15kVA	15kVA	20kVA	20kVA	30kVA	40kVA
Rated Power Standby (Kva)	10.0kVA	14.5kVA	16.5kVA	16.5kVA	22kVA	22kVA	33kVA	44kVA
Frequency (Hz)	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ
Engine Make	PERKINS	PERKINS	YANMAR	YANMAR	YANMAR	YANMAR	KUBOTA	YANMAR
Engine Model	403D-11G commodity	403D-15G L	4TNV88-GGHWC	4TNV88-GGHWC	404D-22G L	4TNV84T-GGFC	V3300-BG-EU1	4TNV98T-GGEC
Engine Speed (Rpm)	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM
Phase	1	1	3	1	1	3	3	3
Pf (%)	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
Rated Voltage (V)	240	240	415	240	240	415	415	415
Fuel Consumption (L/H @ 75%)	1.95	2.78	4.54	4.54	3.98	8.11	5.3	8.11
Tank Capacity (L)	70	70	93	80	80	93	93	100
Dimensions (LxWxH mm)	1950 x 993 x 1377	1950 x 993 x 1377	2250 x 1043 x 1392	2250 x 1043 x 1392	1950 x 993 x 1377	2250 x 1043 x 1392	2250 x 1043 x 1392	2250 x 1063 x 1392
Wet Weight (Kg)	762	835	927	971	994	953	1087	1327
Alternator	Leroy Somer	Leroy Somer	Stamford	Stamford	Leroy Somer	Stamford	Stamford	Stamford
Alternator Model	TAL A40C-S	TAL A40F-S	S0L1-P1	PI 144E	TAL A42D-S	S0L2-G1	S0L2-P1	S1L2-K1
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

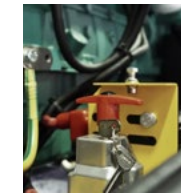
	FT 66-IV	FT 110-IV	FT 220-IV	FT 275-IV	FT 330-CU	FT 400-IV	FT 550-IV	FT 1650-PE
Rated Power Prime (Kva)	65kVA	100kVA	200kVA	250kVA	300kVA	350kVA	500kVA	1500kVA
Rated Power Standby (Kva)	75kVA	110kVA	220kVA	275kVA	330kVA	385kVA	550kVA	1650kVA
Frequency (Hz)	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ
Engine Make	IVECO	IVECO	IVECO	IVECO	CUMMINS	IVECO	IVECO	PERKINS
Engine Model	NEF45SM1A	NEF45TM2A	NEF67TM7	C87TE3	6LTAA9.5-G1	CURSOR13TE2A	CR13TE7W	4012-46TAG2A
Engine Speed (Rpm)	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM
Phase	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
Control System	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Rated Voltage (V)	415	415	415	415	415	415	415	415
Fuel Consumption (L/H @ 75%)	12.3	16.2	31.5	49.35	52.50	57.08	83.18	256.50
Tank Capacity (L)	90	220	410	566	470	720	760	700
Dimensions (LxWxH mm)	2522 x 1043 x 1511	2927 x 1093 x 1823	3600 x 1183 x 2030	4000 x 1498 x 2196	3800x1385x2100	4300 x 1585 x 2371	4600 x 1585 x 2371	6058 x 2438 x 2896
Wet Weight (Kg)	1410	1769	2454	3372	3992	4630	5376	15242
Alternator	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Leroy Somer
Alternator Model	UCI 224E	UCI 274C	UCI 274H	UCDI 274K	S4L15-D4	S4L1D-E4	S5L1D-D4	LSA 50.2 L8
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

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



	FT10-PE Single	FT15-PE Single	FT 18-KU	FT 18-YA Single	FT 22-PE Single	FT 22-YA	FT 33-KU	FT 44-YA
Rated Power Prime (Kva)	9.0kVA	13kVA	15kVA	15kVA	20kVA	20kVA	30kVA	40kVA
Rated Power Standby (Kva)	10.0kVA	14.5kVA	16.5kVA	16.5kVA	22kVA	22kVA	33kVA	44kVA
Frequency (Hz)	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ
Engine Make	PERKINS	PERKINS	YANMAR	YANMAR	YANMAR	YANMAR	KUBOTA	YANMAR
Engine Model	403D-11G commodity	403D-15G L	4TNV88-GGHWC	4TNV88-GGHWC	404D-22G L	4TNV84T-GGFC	V3300-BG-EU1	4TNV98T-GGEC
Engine Speed (Rpm)	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM
Phase	1	1	3	1	1	3	3	3
Pf (%)	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
Rated Voltage (V)	240	240	415	240	240	415	415	415
Fuel Consumption (L/H @ 75%)	1.95	2.78	4.54	4.54	3.98	8.11	5.3	8.11
Tank Capacity (L)	70	70	93	80	80	93	93	100
Dimensions (LxWxH mm)	1950 x 993 x 1377	1950 x 993 x 1377	2250 x 1043 x 1392	2250 x 1043 x 1392	1950 x 993 x 1377	2250 x 1043 x 1392	2250 x 1043 x 1392	2250 x 1063 x 1392
Wet Weight (Kg)	762	835	927	971	994	953	1087	1327
Alternator	Leroy Somer	Leroy Somer	Stamford	Stamford	Leroy Somer	Stamford	Stamford	Stamford
Alternator Model	TAL A40C-S	TAL A40F-S	S0L1-P1	PI 144E	TAL A42D-S	S0L2-G1	S0L2-P1	S1L2-K1
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

	FT 66-IV	FT 110-IV	FT 220-IV	FT 275-IV	FT 330-CU	FT 400-IV	FT 550-IV	FT 1650-PE
Rated Power Prime (Kva)	65kVA	100kVA	200kVA	250kVA	300kVA	350kVA	500kVA	1500kVA
Rated Power Standby (Kva)	75kVA	110kVA	220kVA	275kVA	330kVA	385kVA	550kVA	1650kVA
Frequency (Hz)	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ
Engine Make	IVECO	IVECO	IVECO	IVECO	CUMMINS	IVECO	IVECO	PERKINS
Engine Model	NEF45SM1A	NEF45TM2A	NEF67TM7	C87TE3	6LTAA9.5-G1	CURSOR13TE2A	CR13TE7W	4012-46TAG2A
Engine Speed (Rpm)	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM
Phase	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
Control System	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Rated Voltage (V)	415	415	415	415	415	415	415	415
Fuel Consumption (L/H @ 75%)	12.3	16.2	31.5	49.35	52.50	57.08	83.18	256.50
Tank Capacity (L)	90	220	410	566	470	720	760	700
Dimensions (LxWxH mm)	2522 x 1043 x 1511	2927 x 1093 x 1823	3600 x 1183 x 2030	4000 x 1498 x 2196	3800x1385x2100	4300 x 1585 x 2371	4600 x 1585 x 2371	6058 x 2438 x 2896
Wet Weight (Kg)	1410	1769	2454	3372	3992	4630	5376	15242
Alternator	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Leroy Somer
Alternator Model	UCI 224E	UCI 274C	UCI 274H	UCDI 274K	S4L1S-D4	S4L1D-E4	S5L1D-D4	LSA 50.2 L8
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

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 18-YA	FMP18-YA Single	FMP 22-YA	FMP 33-KU	FMP 44-YA	FMP 66-IV	FMP 88-CU	FMP 110-IV	FMP 175-IV
Rated Power Prime (Kva)	15kVA	15kVA	20kVA	30kVA	40kVA	65kVA	80kVA	100kVA	160kVA
Rated Power Standby (Kva)	16.5kVA	16.5kVA	22kVA	33kVA	44kVA	75kVA	90kVA	110kVA	176kVA
Frequency (Hz)	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ
Engine Make	YANMAR	YANMAR	YANMAR	KUBOTA	YANMAR	IVECO	CUMMINS	IVECO	IVECO
Engine Model	4TNV88-GGHWC	4TNV88-GGHWC	4TNV84T-GGE	V3300-BG-EU1	4TNV98T-GGEC	NEF45SM1A	4BTA3.9-G11	NEF45TM2A	NEF67TM3A
Engine Speed (Rpm)	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM
Phase	3	1	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
Control System	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Rated Voltage (V)	415	240	415	415	415	415	415	415	415
Fuel Consumption (L/H @ 75%)	4.54	4.54	4.54	5.3	8.11	12.3	15.08	16.5	30.08
Tank Capacity (L)	125	125	125	180	240	430	430	430	750
Dimensions (LxWxH mm)	2300 x 993 x 1517	2300 x 993 x 1517	2300x993x1517	2300 x 993 x 1625	2300 x 993 x 1517	3150 x 1243 x 1900	3150 x 1143 x 1923	3150 x 1143 x 1923	3600 x 1335 x 2230
Wet Weight (Kg)	1226	1187	1238	1518	1679	2478	2538	2618	3565.0
Alternator	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford
Alternator Model	PI 044G	PI 144E	PI 144D	PI 144G	PI 144J	UCI 224E	UCI 224G	UCI 274C	UCI 274F
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

	FMP 220-IV	FMP 335-IV	FMP 400-IV	FMP 550-IV	FMP 550-CU	FMP 880-CU	FMP 1400-CU
Rated Power Prime (Kva)	200kVA	305kVA	350kVA	500kVA	500kVA	800kVA	1250kVA
Rated Power Standby (Kva)	220kVA	335kVA	385kVA	550kVA	550kVA	880kVA	1375kVA
Frequency (Hz)	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ
Engine Make	IVECO	C87TE4	IVECO	IVECO	CUMMINS	CUMMINS	CUMMINS
Engine Model	NEF67TM7	IVECO	CURS0R13TE2A	CR13TE7W	QSZ13-G10	KTA38-G2B	KTA50-G3
Engine Speed (Rpm)	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM
Phase	3	3	3	3	3	3	3
Pf (%)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Control System	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Rated Voltage (V)	415	415	415	415	415	415	415
Fuel Consumption (L/H @ 75%)	31.5	36.45	57.08	83.18	20.63	125.33	205.5
Tank Capacity (L)	750	1350	1900	2000	2000	1600	1000
Dimensions (LxWxH mm)	3600 x 1244 x 2233	5204 x 2078 x 2559	5204 x 2078 x 2559	5404 x 2078 x 2559	5404 x 2078 x 2559	6058 x 2438 x 2896	6058 x 2438 x 2896
Wet Weight (Kg)	3699	6264	8370	9177	9105	16592	18574
Alternator	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford
Alternator Model	UCI 274H	S4L1D-D4	S4L1D-E4	S5L1D-D4	S5L1D-D4	S6L1D-C4	S6L1D-G4
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



PRODUCT RANGE:



FUCHTARDT



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RENEWABLE RANGE

