



Technical  
Specifications  
**Standby + Stationary**

# FT SERIES



## 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.

### STANDBY

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.

### STATIONARY

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.

# 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

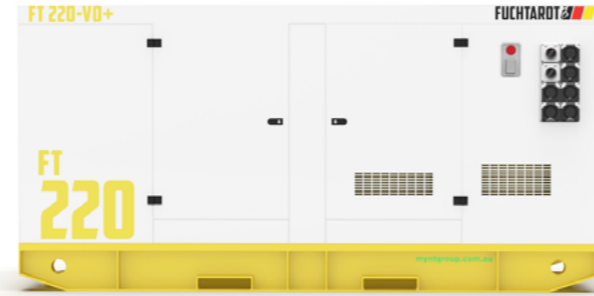


	FT10-PE Single	FT15-PE Single	FT 22-PE Single	FT 18-YA Single	FT 18-YA	FT 22-YA
Rated Power Prime (Kva)	9.0kVA	13kVA	20kVA	15kVA	15kVA	20kVA
Rated Power Standby (Kva)	10.0kVA	14.5kVA	22kVA	16.5kVA	16.5kVA	22kVA
Frequency (Hz)	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ
Engine Make	403D-11G commodity	403D-15G L	404D-22G L	4TNV88-GGHWC	4TNV88-GGHWC	4TNV84T-GGFC
Engine Model	PERKINS	PERKINS	PERKINS	YANMAR	YANMAR	YANMAR
Engine Speed (Rpm)	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM
Phase	1	1	1	1	3	3
Power Factor	0.8	0.8	0.8	0.8	0.8	0.8
Control System	Digital	Digital	Digital	Digital	Digital	Digital
Rated Voltage (V)	240	240	240	240	415	415
Fuel Consumption (L/H @ 75%)	1.95	2.78	3.98	4.54	4.54	8.11
Tank Capacity (L)	70	70	80	80	93	93
Dimensions (LxWxH mm)	1950 x 993 x 1377	1950 x 993 x 1377	1950 x 993 x 1377	2250 x 1043 x 1392	2250 x 1043 x 1392	2250 x 1043 x 1392
Wet Weight (Kg)	762.0	835.0	994.0	971.0	927.0	953.0
Alternator	Leroy Somer	Leroy Somer	Leroy Somer	Stamford	Stamford	Stamford
Alternator Model	TAL A40C-S	TAL A40F-S	TAL A42D-S	PI 144E	S0L1-P1	S0L2-G1
Number Of Cylinder	3	3	4	4	4	4

	FT 33-KU	FT 44-YA	FT 66-IV	FT 110-IV	FT 220-IV	FT 275-IV
Rated Power Prime (Kva)	30kVA	40kVA	65kVA	100kVA	200kVA	250kVA
Rated Power Standby (Kva)	33kVA	44kVA	75kVA	110kVA	220kVA	275kVA
Frequency (Hz)	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ
Engine Make	V3300-BG-EU1	4TNV98T-GGEC	NEF45SM1A	NEF45TM2A	NEF67TM7	C87TE3
Engine Model	KUBOTA	YANMAR	IVECO	IVECO	IVECO	IVECO
Engine Speed (Rpm)	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM	1500RPM
Phase	3	3	3	3	3	3
Power Factor	0.8	0.8	0.8	0.8	0.8	0.8
Control System	Digital	Digital	Digital	Digital	Digital	Digital
Rated Voltage (V)	415	415	415	415	415	415
Fuel Consumption (L/H @ 75%)	5.30	8.11	12.30	16.20	31.50	49.35
Tank Capacity (L)	93	100	90	220	410	566
Dimensions (LxWxH mm)	2250 x 1043 x 1392	2250 x 1063 x 1392	2522 x 1043 x 1511	2927 x 1093 x 1823	3600 x 1183 x 2030	4000 x 1498 x 2196
Wet Weight (Kg)	1087.0	1327.0	1410.0	1769.0	2454.0	3372.0
Alternator	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford
Alternator Model	S0L2-P1	S1L2-K1	UCI 224E	UCI 274C	UCI 274H	UCDI 274K
Number Of Cylinder	4	4	4	4	6	6

# 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.



### Standard Features



Battery Isolator    Emergency Stop    DSE Controller    Fork Pocket Skid    Center Lift    ATS Connector Port    Outlets

	FT 330-CU	FT 400-IV	FT 550-IV	FT 1650-PE
Rated Power Prime (Kva)	300kVA	350kVA	500kVA	1500kVA
Rated Power Standby (Kva)	330kVA	385kVA	550kVA	1650kVA
Frequency (Hz)	50HZ	50HZ	50HZ	50HZ
Engine Make	6LTAA9.5-G1	CURSOR13TE2A	CR13TE7W	4012-46TAG2A
Engine Model	CUMMINS	IVECO	IVECO	PERKINS
Engine Speed (Rpm)	1500RPM	1500RPM	1500RPM	1500RPM
Phase	3	3	3	3
Power Factor	0.8	0.8	0.8	0.8
Control System	Digital	Digital	Digital	Digital
Rated Voltage (V)	415	415	415	415
Fuel Consumption (L/H @ 75%)	52.50	57.08	83.18	256.50
Tank Capacity (L)	470	720	760	700
Dimensions (LxWxH mm)	3800x1385x2100	4300 x 1585 x 2371	4600 x 1585 x 2371	6058 x 2438 x 2896
Wet Weight (Kg)	3992.0	4630.0	5376.0	15242.0
Alternator	Stamford	Stamford	Stamford	Leroy Somer
Alternator Model	S4L15-D4	S4L1D-E4	S5L1D-D4	LSA 50.2 L8
Number Of Cylinder	6	6	6	12





**FUCHTARDT**

**GENERATORS 6KVA - 1500KVA**



STANDBY    STATIONARY    MOBILE    TRAILER    CONTAINER



**ASTON ELECTRIC**



HEAVY DUTY    BIG TANK    WHISPER    WHISPER BIG TANK    INVERTER



**PIRATE SMART-TANKS**

**FUEL CELLS 1KL - 100KL**



LIFT & SHIFT    STATIC STORAGE    TOW TANKS    BULK STORAGE    SMARTS



**SUMO**  
PLUG N PLAY GEAR

**DISTRIBUTION 10A - 1000A**



HANDHELD    COMBO    STACKABLE    MASTER BOARD    LOAD BANKS



**purple**

**RENEWABLE RANGE**



SOLAR GEN HYBRID    BATTERY    HYDROGEN    CONTAINER BATTERY



# FUCHTARDT

## SPEC SHEET RANGE

