

# FUCHTARDT



## **FT 110-IV** Technical Specifications



# FT 110-IV

STANDBY AND STATIONARY

\*Photo is for reference only

## FT Standby and Stationary STANDARD FEATURES



Battery Isolator



Emergency Stop



DSE Controller



Fork Pocket Skid



Center Lift



ATS Connector Port



Outlets

## FT 110-IV Specs

Rated Power Prime (Kva)	100kVA
Rated Power Standby (Kva)	110kVA
Frequency (Hz)	50HZ
Rated Speed (RPM)	1500RPM
Rated Voltage (V)	415
PF (%)	0.8
Control System	Digital
Alternator Model	UCI 274C
Engine Model	NEF45TM2A
Dimensions (LxWxH mm)	2927 x 1093 x 1823
Wet Weight (Kg)	1769.0
Fuel Tank Capacity (L)	220



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## STANDBY AND STATIONARY

**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.

**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.

### Engine Specs

Engine Make	NEF45TM2A
Manufacturer	IVECO
Cylinder Arrangement	Vertical inline
Number of Cylinders	4
Cycle	4 stroke
Aspiration	Turbocharged
Bore x Stroke (mm)	104 x 132
Displacement (L)	4.5
Speed Governor	mech
Switchable	Y
Engine Gross Prime Power (kW)	87.5
Engine Gross Max. Power (kW)	96.2
Lube-oil Capability (L)	8.5
Fuel Consumption@75% load (L/h)	16.20
Starter Motor/ Charger Alternator (Vdc)	12 Vdc

### Alternator Specs

Alternator Model	UCI 274C
Manufacturer	Stamford
Rated Output Power (kVA)	100
Alternator Type	Brushless
Phase	3
Poles	4
Exit Leads	12
IP Protection Class	IP 23
Insulation Grade	H
Winding Pitch	2/3
Bearing	single

MYNT PRODUCT RANGE:



**GENERATORS 6KVA - 1500KVA**



**STANDBY**



**STATIONARY**



**MOBILE**



**TRAILER**



**CONTAINER**



**HEAVY DUTY**



**BIG TANK**



**WHISPER**



**WHISPER BIG TANK**



**INVERTER**

**FUEL CELLS 1KL - 100KL**



**LIFT & SHIFT**



**STATIC STORAGE**



**TOW TANKS**



**BULK STORAGE**



**SMARTS**

**DISTRIBUTION 10A - 1000A**



**HANDHELD**



**COMBO**



**STACKABLE**



**MASTER BOARD**



**LOAD BANKS**

**RENEWABLE RANGE**



**SOLAR GEN HYBRID**



**BATTERY**



**HYDROGEN**



**CONTAINER BATTERY**



**FILTERS**

**FILTER**