

# FUCHTARDT



## FT 1650-PE

### Technical Specifications



# FT 1650-PE

**STANDBY AND STATIONARY**

\*Photo is for reference only

## FT Standby and Stationary STANDARD FEATURES



Battery Isolator



Emergency Stop



DSE Controller



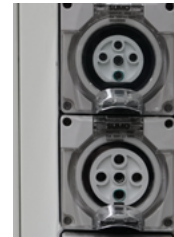
Fork Pocket Skid



Center Lift



ATS Connector Port



Outlets

## FT 1650-PE Specs

|                           |                    |
|---------------------------|--------------------|
| Rated Power Prime (Kva)   | 1500kVA            |
| Rated Power Standby (Kva) | 1650kVA            |
| Frequency (Hz)            | 50HZ               |
| Rated Speed (RPM)         | 1500RPM            |
| Rated Voltage (V)         | 415                |
| PF (%)                    | 0.8                |
| Control System            | Digital            |
| Alternator Model          | LSA 50.2 L8        |
| Engine Model              | 4012-46TAG2A       |
| Dimensions (LxWxH mm)     | 6058 x 2438 x 2896 |
| Wet Weight (Kg)           | 15242              |
| Fuel Tank Capacity (L)    | 700                |

# STANDBY AND STATIONARY

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.

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.

## Engine Specs

|   |              |
|---|--------------|
| Engine Make                             | 4012-46TAG2A |
| Manufacturer                            | PERKINS      |
| Cylinder Arrangement                    | V-60°        |
| Number of Cylinders                     | 12           |
| Cycle                                   | 4 stroke     |
| Aspiration                              | Turbocharged |
| Bore x Stroke (mm)                      | 160 x 190    |
| Displacement (L)                        | 46           |
| Speed Governor                          | Electric     |
| Switchable                              | Y            |
| Engine Gross Prime Power (kW)           | 1267         |
| Engine Gross Max. Power (kW)            | 1395         |
| Lube-oil Capability (L)                 | 177          |
| Fuel Consumption@75% load (L/h)         | 256.5        |
| Starter Motor/ Charger Alternator (Vdc) | 24 Vdc       |

## Alternator Specs

|                          |             |
|--------------------------|-------------|
| Alternator Model         | LSA 50.2 L8 |
| Manufacturer             | Leroy Somer |
| Rated Output Power (kVA) | 1500        |
| Alternator Type          | Brushless   |
| Phase                    | 3           |
| Poles                    | 4           |
| Exit Leads               | 6           |
| IP Protection Class      | IP 23       |
| Insulation Grade         | H           |
| Winding Pitch            | 2/3         |
| Bearing                  | single      |

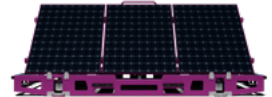
# Other Products Available for sale and rental

purple  
**GlowBug**



Hydrogen Light tower

purple  
**Skidibee**



Stackable Solar

purple



Purple Pod



Purple Cube



Hydrogen

ASTON ELECTRIC



XL SERIES



XL AND WH



WHISPER

FUCHTARDT 



Lift & Shift



Static Storage



Containers

PIRATE SMART-TANKS



Lift & Shift



Static Storage



Tow tanks

SUMO PLUG N PLAY GEAR



Handheld Range



Midsize Distribution



Hardwire