

INDUSTRIAL LINE

power
and innovation

160 L
Fuel Tank
capacity

designed and created
for your needs

Designed to provide
an exceptional level
of performance
for every work on site
ensuring the right
balance between power
and ease of use

MGTP
100 SS-FI

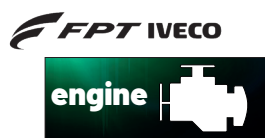


more sustainable
and environmentally
friendly future

TRIME
Power Division

MGTP 100 SS-FI

GENSET MODEL



APPLICATIONS



Constructions



Mining operations



Events



Military applications

FEATURES

- ✓ Hard wires connection protected
- ✓ Electrical panel DSE 4520 mounted on board with safety cover
- ✓ Circuit breaker
- ✓ Internal exhaust gas silencer and insulated manifold
- ✓ Engine oil extraction pump and fuel decanter filter
- ✓ 12V Battery with battery switch
- ✓ Bunded tank
- ✓ Lifting hooks and side forklift pockets

Options factory installed

220V Electric pre-heater

KIT socket TPS01:

**1x32A, 1x16A 3Ph
1x16A 1Ph + 1x16A Schuko**

KIT socket TPS03:

**1x63A, 1x32A, 1x16A 3Ph
1x16A 1Ph + 1x16A Schuko
125A breaker with adj. earth fault relay**

Kit AMF and ATS panel

Predisposition for quick release fitting for external fuel tank

Oversize fuel tank 800 l



easy handling & transportability

Code	IP199-100TS0
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Mechanical version

Silenced version with galvanized steel sheet and powder-painted canopy, compact base frame, with bunded tank and leak control

Dimensions

L x W x H (mm) **2560 x 1040 x 1805**

Weight (Kg) **1600**

Technical Data

Prime Power (PRP)(kVA) **100**

Prime Power (PRP)(kW) **80**

Limited Power (LTP)(kVA) **110**

Limited Power (LTP)(kW) **88**

Rated Power Factor (cos φ) **0.8**

Windings **Three phases Series Star**

Rated three-phase concatenated Voltage (V) **400**

Rated phase-neutral voltage (V) **230**

Rated frequency (Hz) **50**

Fuel Tank Capacity (l) **160**

Fuel type **Diesel**

Sound pressure 7 m. (dBA) **65**

Fuel Consumption

Fuel Cons. at 100% (LTP)(l/h) **30,4**

Fuel Cons. at 100% (PRP)(l/h) **27,6**

Fuel Cons. at 75% (PRP)(l/h) **20,4**

Fuel Cons. at 50% (PRP)(l/h) **14,4**

General Alternator data

Alternator brand **STAMFORD**

Alternator model **UC1274C**

PRP Power (kVA) **100**

LTP Power (kVA) **110**

Winding **Three phases Series Star**

Terminals Number **12**

IP Protection **23**

Electronic regulator **AS440**

Precision **± 1 %**

General Engine data

Engine brand **FPT IVECO**

Engine model **N45TM3**

Cylinders **4**

R.P.M. **1500**

Cubic capacity **4500**

Air intake **Turbo**

Standard voltage (Vdc) **12**

Sae **3 - 11**

BMEP (kPa) **1937**

Cooling **Water**

Flywheel P.R.P. Power (kW) **107,2**

Flywheel Stand-by Power (kW) **118,2**

Electronic regulator **On request**

Precision class **G2**

Oil quantity (l) **12,8**

EU Stage **Non emission certified**



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