

INDUSTRIAL LINE

power
and innovation

**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

950 L
Fuel Tank
capacity

MGTP
600 SS-PI



**more sustainable
and environmentally
friendly future**

TRIME
Power Division

MGTP 600 SS-PI

GENSET MODEL

 Perkins®



APPLICATIONS



Constructions



Mining operations



Events



Military applications

FEATURES

- ✔ Hard wires connection protected
- ✔ Electrical panel ComAp AMF25 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



easy handling & transportability

Code	IP225-600TSO
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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)	5520x1860 x 2570
Weight (Kg)	6100

Technical Data

Prime Power (PRP)(kVA)	600
Prime Power (PRP)(kW)	480
Limited Power (LTP)(kVA)	660
Limited Power (LTP)(kW)	528
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)	950
Fuel type	Diesel
Sound pressure 7 m. (dBA)	74

Fuel Consumption

Fuel Cons. at 100% (LTP)(l/h)	134
Fuel Cons. at 100% (PRP)(l/h)	123
Fuel Cons. at 75% (PRP)(l/h)	90
Fuel Cons. at 50% (PRP)(l/h)	61

General Alternator data

Alternator brand	STAMFORD
Alternator model	HCI5F
PRP Power (kVA)	670
LTP Power (kVA)	738
Winding	Three phases Series Star
Terminals Number	12
IP Protection	23
Electronic regulator	AS440
Precision	± 1.00 %

General Engine data

Engine brand	PERKINS
Engine model	2806C-E18TAG1A
Cylinders	6
R.P.M.	1500
Cubic capacity	18130
Air intake	Turbo
Standard voltage (Vdc)	24
Sae	0 - 18
BMEP (kPa)	2347
Cooling	Water
Flywheel P.R.P. Power (kW)	522
Flywheel Stand-by Power (kW)	574
Electronic regulator	Standard
Precision class	G3
Oil quantity (l)	62
EU Stage	Non emission certified



TRIME®

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