



GENSET MODEL

Model	MGTP 45 SS PI	
Mechanical version	Silenced version with galvanized steel sheet and powder-painted canopy, compact base frame, with bunded tank and leak control	
Fuel Tank Capacity	lt.	160
Rated technical data		
Prime Power (PRP)	kVA	45
Prime Power (PRP)	KW	36
Limited Power (LTP)	kVA	49,5
Limited Power (LTP)	KW	39,6
Rated Power Factor (cosφ)	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 type	Diesel	

Dimensions And Noise

Length	mm	2260
Width	mm	1040
Height	mm	1820
Weight	Kg	1260
Sound pressure 7 m.	dBA	61

Fuel consumption

Fuel Cons. at 100% (LTP)	l/h	12
Fuel Cons. at 100% (PRP)	l/h	10,7
Fuel Cons. at 75% (PRP)	l/h	8,2
Fuel Cons. at 50% (PRP)	l/h	5,7

General Alternator Data

Alternator brand	STAMFORD	
Alternator model	S1L2-N	
PRP Power	kVA	45
LTP Power	kVA	49,5
Winding	Three phases Series Star	
Terminals Number	12 nr.	
IP Protection	23	
Electronic regulator	AS540	
Precision	± 1.00 %	

The company reserves the right to modify the technical specifications, items and design without notice.
The images of the products are indicative for illustrative purposes only.

General Engine Data

Engine brand	PERKINS	
Engine model	1103A-33TG1	
Cylinders	3	
R.P.M.	1500	
Cubic capacity	3300	
Air intake	Turbo	
Standard voltage	Vdc	12
Sae	-	
BMEP	kPa	1023
Cooling	Water	
Flywheel P.R.P. Power	kW	41.3
Flywheel Stand-by Power	kW	45.6
Electronic regulator	On request	
Precision class	G2	
Oil quantity	lt.	8,3
EU Stage	Not available	

Standard 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
- 1x63A, 1x32A, 1x16A 3Ph
- KIT socket TPS03: 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