



GENSET MODEL

Model	MGTP 80 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 l.	160
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RATED TECHNICAL DATA

Prime Power (PRP)	kVA	80
Prime Power (PRP)	kW	64
Limited Power (LTP)	kVA	88
Limited Power (LTP)	kW	70,4
Rated Power Factor (cosφ)		0.8
Windings	Three phases Series Star	
Rated three-phase concatenated voltage		400 V
Rated phase-neutral voltage		230 V
Rated frequency		50 Hz
Fuel type		Diesel

DIMENSIONS AND NOISE

Length	mm	2260
Width	mm	1040
Height	mm	1820
Weight	Kg	1500
Sound pressure 7 m.		65 dBA

FUEL CONSUMPTION

Fuel Cons. at 100% (LTP)	l/h	20,5
Fuel Cons. at 100% (PRP)	l/h	18,7
Fuel Cons. at 75% (PRP)	l/h	14
Fuel Cons. at 50% (PRP)	l/h	9,7

GENERAL ALTERNATOR DATA

Alternator brand	STAMFORD	
Alternator model	UCI224G	
P.R.P. Power	kVA	85
L.T.P. Power	kVA	90,8
Winding	Three phases Series Star	
Terminals Number		12 nr.
IP Protection		23
Electronic regulator		SX460
Precision		± 1.50 %



For illustrative purposes only

GENERAL ENGINE DATA

Engine brand	PERKINS
Engine model	1104A-44TG2
Cylinders	4
R.P.M.	1500
Cubic capacity	4400
Air intake	Turbo
Standard voltage	12 Vdc
Sae	-
BMEP	1335 kPa
Cooling	Water
Flywheel P.R.P. Power	kW 71,9
Flywheel Stand-by Power	kW 79,1
Electronic regulator	On request
Precision class	G2
Oil quantity	8 l
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

OPTION 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

STANDARD REFERENCE CONDITIONS

Standard reference conditions temperature 25°C, altitude 100m asl, relative humidity 30%, atmospheric pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non distortional. The manufacturer reserves the right to revise the information without notice per our policy of continuous product development and improvement.