



GENSET MODEL

Code	IP198-80TS0
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
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Rated technical data

Prime Power (PRP)	kVA	83
Prime Power (PRP)	KW	66,4
Limited Power (LTP)	kVA	90,8
Limited Power (LTP)	KW	72,64
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	2560
Width	mm	1040
Height	mm	1820
Weight	Kg	1600
Sound pressure 7 m.	dBA	67

Fuel consumption

Fuel Cons. at 100% (LTP)	l/h	21,2
Fuel Cons. at 100% (PRP)	l/h	19,4
Fuel Cons. at 75% (PRP)	l/h	14,4
Fuel Cons. at 50% (PRP)	l/h	9,6

General Alternator Data

Alternator brand		STAMFORD
Alternator model		UCI224G
PRP Power	kVA	85
LTP Power	kVA	90,8
Winding		Three phases Series Star
Terminals Number		12 nr
IP Protection		23
Electronic regulator		AS440
Precision		± 1 %

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		FPT IVECO
Engine model		N45SM3
Cylinders		4
R.P.M.		1500
Cubic capacity		4500
Air intake		Turbo
Standard voltage	Vdc	12
Sae		3 - 11
BMEP	kPa	1777
Cooling		Water
Flywheel P.R.P. Power	kW	72,7
Flywheel Stand-by Power	kW	80,2
Electronic regulator		On request
Precision class		G2
Oil quantity	lt.	12,8
EU Stage		Non emission certified

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 300 lt.