



GENSET MODEL

Code IP198-80TSO

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

Fuel Tank Capacity lt. 160

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	2430
Width	mm	1040
Height	mm	1820
Weight	Kg	1410
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		SX460
Precision		± 1.50 %

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	-	
BMEP	kPa	1326
Cooling	Water	
Flywheel P.R.P. Power	kW	73,3
Flywheel Stand-by Power	kW	81
Electronic regulator	On request	
Precision class	G3	
Oil quantity	lt.	12,8
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
- Banded 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