

STAGE 5
CERTIFIED


62 dBA 7m



GENSET MODEL MGTP 500 USL-S

Code	RP350-500TS0
	ULTRA SILENCED version, galvanized and powder-painted canopy, compact base frame, with bunded tank and leak control

Fuel Tank Capacity	l 2000
AD BLUE Tank Capacity	l 160

RATED TECHNICAL DATA

Prime Power (PRP)	kVA 500
Prime Power (PRP)	kW 400
Limited Power (LTP)	kVA 550
Limited Power (LTP)	kW 440
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 type	Diesel

DIMENSIONS

Length	mm 5000
Width	mm 2100
Height	mm 2400
Weight	Kg 8980

FUEL CONSUMPTION

Fuel Cons. at 100% (L.T.P.)	l/h 97,9
Fuel Cons. at 75% (P.R.P.)	l/h 68,5
Fuel Cons. at 50% (P.R.P.)	l/h 41,1
Fuel Cons. at 25% (P.R.P.)	l/h 23,2

GENERAL ALTERNATOR DATA

Alternator brand	Leroy-Somer
Alternator model	LSA47.2M7
P.R.P. Power	kVA 500
L.T.P. Power	kVA 550
Winding	Three phases Series Star
Terminals Number	nr. 12
IP Protection	23
Voltage regulator	AVR \pm 0,25% D350 AREP
Short-circuit current	300 %: 10s

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.

FUEL SAVING in 1000h OPERATION* | 1600

* Compared to standard generators

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.

GENERAL ENGINE DATA

Engine brand	SCANIA
Engine model	DC16 320A 02-62
Cylinders	nr. V8
R.P.M.	rpm 1500
Cubic capacity	cc 16400
Air intake	Turbo
Standard voltage	Vdc 24
Sae	-
BMEP	kPa -
Cooling	Water
Flywheel P.R.P. Power	kW 431,6
Flywheel Stand-by Power	kW 492,6
Electronic regulator	Yes
Precision class	G2
Oil quantity	l 36,0

EU Stage STAGE 5

STANDARD FEATURES

Autostart logic panel DSE 7310 for Manual version	Water / Diesel separator filter
4-poles magnetothermic switch	AdBlue, urea tank included
Adjustable ELCB circuit breaker	Central lifting hook
Power terminal block protection microswitch	Doors closing by compression
Oil extraction pump	Radiator in separate compartment
Battery disconnect switch	Heavy duty air filter
Mechanical fuel level gauge on tank	Liquid collection tank with alarm
3-way valve for diesel circuit from ext. tank (quick couplings excluded)	Tank inspection flange
Side rubber bumper protection	Reinforced chassis for Rental use
Alternator with butadiene protection System 2 Leroy Somer or Total Plus MeccAlte	

OPTION: RENTAL KIT

5 x 16A 230V + 1 x 32A 400 V + 1 x 63A 400V with ELCB protection

SOUND PRESSURE 7m (0% load) dBA 62