

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 ±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.

FUELSAVING 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