

STAGE 5
CERTIFIED

55 dBA 7m



GENSET MODEL MGTP 100 USL-K

Code	RP345-100TS0
	ULTRA SILENCED version, galvanized and powder-painted canopy, compact base frame, with bunded tank and leak control
Fuel Tank Capacity	l 300
AD BLUE Tank Capacity	l 16

RATED TECHNICAL DATA

Prime Power (PRP)	kVA 100
Prime Power (PRP)	kW 80
Limited Power (LTP)	kVA 110
Limited Power (LTP)	kW 88
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 2600
Width	mm 1130
Height	mm 1800
Weight	Kg 2080

FUEL CONSUMPTION

Fuel Cons. at 100% (L.T.P.)	l/h 27,3
Fuel Cons. at 100% (P.R.P.)	l/h 24,8
Fuel Cons. at 75% (P.R.P.)	l/h 18,8
Fuel Cons. at 50% (P.R.P.)	l/h 12,3

GENERAL ALTERNATOR DATA

Alternator brand	Leroy-Somer
Alternator model	LSA44.3S5
P.R.P. Power	kVA 100
L.T.P. Power	kVA 110
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

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GENERAL ENGINE DATA

Engine brand	KOHLER
Engine model	KDI3404TCR SCR
Cylinders	nr. 4
R.P.M.	rpm 1500
Cubic capacity	cc 3359
Air intake	Turbo
Standard voltage	Vdc 12
Sae	-
BMEP	kPa 684
Cooling	Water
Flywheel P.R.P. Power	kW 90,3
Flywheel Stand-by Power	kW 99,4
Electronic regulator	Yes
Precision class	G2
Oil quantity	l 8,9

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

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

SOUND PRESSURE 7m (0% load) dBA 55

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.