

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.