

STAGE 5
CERTIFIED


54 dBA 7m



GENSET MODEL MGTP 20 USL-K

Code	RP341-20TS0
ULTRA SILENCED version, galvanized and powder-painted canopy, compact base frame, with bunded tank and leak control	
Fuel Tank Capacity	l 150

RATED TECHNICAL DATA

Prime Power (PRP)	kVA 19
Prime Power (PRP)	kW 15,2
Limited Power (LTP)	kVA 21
Limited Power (LTP)	kW 16,8
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 1950
Width	mm 770
Height	mm 1250
Weight	Kg 1020

FUEL CONSUMPTION

Fuel Cons. at 100% (L.T.P.)	l/h 5,8
Fuel Cons. at 100% (P.R.P.)	l/h 5,0
Fuel Cons. at 75% (P.R.P.)	l/h 3,7
Fuel Cons. at 50% (P.R.P.)	l/h 2,6

GENERAL ALTERNATOR DATA

Alternator brand	Leroy-Somer
Alternator model	LSA40M5
P.R.P. Power	kVA 20
L.T.P. Power	kVA 22
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	KDI1903M
Cylinders	nr. 3
R.P.M.	rpm 1500
Cubic capacity	cc 1861
Air intake	Turbo
Standard voltage	Vdc 12
Sae	-
BMEP	kPa 684
Cooling	Water
Flywheel P.R.P. Power	kW 18,5
Flywheel Stand-by Power	kW 20,3
Electronic regulator	On request
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	Central lifting hook
Adjustable ELCB circuit breaker	Doors closing by compression
Power terminal block protection microswitch	Radiator in separate compartment
Oil extraction pump	Heavy duty air filter
Battery disconnect switch	Liquid collection tank with alarm
Mechanical fuel level gauge on tank	Tank inspection flange
3-way valve for diesel circuit from ext. tank (quick couplings excluded)	Reinforced chassis for Rental use
Side rubber bumper protection	Alternator with butadiene protection System 2 Leroy Somer or Total Plus MeccAlte

OPTION: RENTAL KIT

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

SOUND PRESSURE 7m (0% load) dBA 54

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.