

STAGE 5
CERTIFIED



GENSET MODEL MGTP 42 USL-K

Code	RP343-42TS0
ULTRA SILENCED version, galvanized and powder-painted canopy, compact base frame, with bunded tank and leak control	
Fuel Tank Capacity	l 240

RATED TECHNICAL DATA

Prime Power (PRP)	kVA 42
Prime Power (PRP)	kW 33,6
Limited Power (LTP)	kVA 46
Limited Power (LTP)	kW 36,8
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 2300
Width	mm 980
Height	mm 1450
Weight	Kg 1600

FUEL CONSUMPTION

Fuel Cons. at 100% (L.T.P.)	l/h 12,1
Fuel Cons. at 100% (P.R.P.)	l/h 10,8
Fuel Cons. at 75% (P.R.P.)	l/h 8,3
Fuel Cons. at 50% (P.R.P.)	l/h 5,8

GENERAL ALTERNATOR DATA

Alternator brand	Leroy-Somer
Alternator model	LSA42.3M7
P.R.P. Power	kVA 45
L.T.P. Power	kVA 49
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.

GENERAL ENGINE DATA

Engine brand	KOHLER	
Engine model	KD12504TCR CAC	
Cylinders	nr.	4
R.P.M.	rpm	1500
Cubic capacity	cc	2482
Air intake	Turbo	
Standard voltage	Vdc	12
Sae	-	
BMEP	kPa	684
Cooling	Water	
Flywheel P.R.P. Power	kW	42,2
Flywheel Stand-by Power	kW	46,5
Electronic regulator	Yes	
Precision class	G2	
Oil quantity	l	11,3

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

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.