



GENSET MODEL	MGTP	20 USL-K			
Code	de RP341-20TS0				
ULTRA SILENCED version, galvanized and powder-painted canopy,					
compact base frame, with bunded	l tank ar	nd 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 [])		0,8			
Windings		Three phases Series Star			
Rated three-phase concatenated voltage	٧	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				
L.T.P. Power	kVΔ	22			
Winding		Three phases Series Star			
Terminals Number	nr.	12			
IP Protection		23			
Voltage regulator		AVR ±0,25% D350 AREP			

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GENERAL ENGINE DATA			
Engine brand		KOHLER	
Engine model		KDI1903M	
Cylinders	nr.	3	
R.P.M.	rpm	1500	
Cubic capacity	СС	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				

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

SOUND PRESSURE 7m (0% load) dBA

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.

