

ULTRA SILENT LINE  
STAGE 5

power  
and innovation

designed and created  
for your needs

STAGE 5  
CERTIFIED

240 L  
Fuel Tank  
capacity

Designed to provide  
an exceptional level  
of performance  
for every work on site  
ensuring the right  
balance between power  
and ease of use

MGTP  
42 USL-K



more sustainable  
and environmentally  
friendly future

 **TRIME**<sup>®</sup>  
Power Division

# MGTP 42 USL-K

GENSET MODEL



**NOISE**  
level **55**  
dB(A) at 7m

## APPLICATIONS



Constructions



Mining operations



Events



Military applications

## FEATURES

- ✔ Autostart logic panel DSE 7310 for Manual version
- ✔ 4-poles magnetothermic switch
- ✔ Adjustable ELCB circuit breaker
- ✔ Power terminal block protection microswitch
- ✔ Oil extraction pump
- ✔ Battery disconnect switch
- ✔ Mechanical fuel level gauge on tank
- ✔ 3-way valve for diesel circuit from ext. tank (quick couplings excluded)
- ✔ Side rubber bumper protection
- ✔ Water / Diesel separator filter
- ✔ Central lifting hook
- ✔ Doors closing by compression
- ✔ Radiator in separate compartment
- ✔ Heavy duty air filter
- ✔ Liquid collection tank with alarm
- ✔ Tank inspection flange
- ✔ Reinforced chassis for Rental use
- ✔ Alternator with butadiene protection System 2 Leroy Somer or Total Plus MeccAlte



easy handling & transportability

|   |                          |
|---|--------------------------|
| Code  | RP343-42TS0              |
| ULTRA SILENCED version, galvanized and powder-painted canopy, compact base frame, with bunded tank and leak control |                          |
| <b>Dimensions</b>   |                          |
| L x W x H (mm)  | 2300x980x1450            |
| Dray weight (Kg)  | 1600                     |
| <b>Technical Data</b>   |                          |
| 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 $\phi$ )  | 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                   |
| Fuel tank capacity (l)  | 240                      |

|                                  |      |
|----------------------------------|------|
| <b>Fuel consumption</b>          |      |
| 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  |

|                       |                            |
|-----------------------|----------------------------|
| <b>Alternator</b>     |                            |
| 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      | 12                         |
| IP Protection         | 23                         |
| Voltage regulator     | AVR $\pm 0,25\%$ D350 AREP |
| Short-circuit current | 300 %: 10s                 |

|                              |                |
|------------------------------|----------------|
| <b>Engine</b>                |                |
| Engine brand                 | KOHLER         |
| Engine model                 | KDI2504TCR CAC |
| Cylinders                    | 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           |

|   |               |
|---|---------------|
| <b>Options: Rental Kit</b>                        |               |
| 4 x 16A 230V + 1 x 32A 400 V with ELCB protection |               |
| <b>Sound Pressure 7m (0% load)</b>                | <b>dBA 55</b> |

|                                      |  |
|--------------------------------------|--|
| <b>Standard reference conditions</b> |  |
|--------------------------------------|--|

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



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