






v20KH

AGG. 11/20

| | |
|-----------------------|---|
| 3~ 50 Hz. 400V |  |
| KOHLER ENGINES |  |
| EU STAGE 5 |  |
| 68 dB(A) @ 7 mt |  |
| 55 lt |  |

| PRIME POWER | | STAND-BY POWER | |
|-------------|-----------|----------------|-------------|
| kVA | kW | kVA | kW |
| 20 | 16 | 22 | 17,6 |

| ENVIRONMENTAL CONDITIONS | |
|--------------------------|------------------|
| Temperature | 40° C |
| Height | 1000 mslm |
| Humidity | 60% |

OPEN VERSION B20

SOUNDPROOF VERSION C20


The image is only for demonstration purposes

| WEIGHT | DIMENSIONS | | |
|------------|-------------|------------|-------------|
| | L [mm] | W [mm] | H [mm] |
| kg | | | |
| 485 | 1400 | 700 | 1400 |

| WEIGHT | DIMENSIONS | | |
|------------|-------------|------------|-------------|
| | L [mm] | W [mm] | H [mm] |
| kg | | | |
| 575 | 7580 | 700 | 1050 |

TECHNICAL DETAILS

| | | | |
|------------------------|---|--------------------------------------|-----------|
| ELECTRICAL DATA | Electrical system type | 3F+N | ~ |
| | Power factor | 0,8 | φ |
| | Voltage | 400 | V |
| | Frequency | 50 | Hz |
| | PRP Ampere rating | 28,9 | A |
| ENGINE | Engine | KOHLER KDI 1903M | |
| | Engine emissions standard (REG. UE 2016/1628) | EU STAGE 5 | |
| | RPM governor | Mechanical | |
| | Performance class (ISO8528-5) | G2 | |
| | Rpm | 1500 | rpm |
| | Nr. of cylinders | 3 | |
| | Bore x stroke | 88 x 102 | mm |
| | Displacement | 1861 | cc |
| | Induction system | Natural | |
| | Cooling system | Water | |
| | Engine net prime power | 24,5 (18,3) | Hp (kW) |
| | Exhaust gas aftertreatment | / | |
| CONSUMPTION | Fuel type | Diesel | |
| | Consumption @ 50-75-100% load | 2,3 -3, 4-4,6 | lt/h |
| | Standard tank capacity | 55 | lt |
| | Autonomy @ 75% load | 16,2 | h |
| ALTERNATOR | Alternator | LINZ ELECTRIC – STAMFORD – MECC ALTE | |
| | Type | Self excited, brushless | |
| | Number of poles | 4 | |
| | Insulation class | H | |
| | Temperature rise class | H | |
| | Voltage regulation | AVR | |
| | Voltage precision | ± 1 | % |
| GENERAL | Sound level (soundproof version) | 68 | dB(A) 7mt |
| | Exhaust pipe diameter | 48 | mm |
| | Electrical system voltage | 12 | V |

ELECTRIC PANEL

MANUAL

AUTOMATIC MAINS FAILURE



| | | |
|--|--|----------------------------|
| Electronic control unit with multimeter | LOVATO ELECTRIC RGK420SA | COMAP IntelliLite 9 |
| Electrical panel enclosure protection degree | IP44 | |
| ON-OFF electric panel switch | Key type. In-built the control unit | Without key |
| Emergency pushbutton | STANDARD | |
| Battery charge maintainer | / | 12V 3A |
| Power supply | ECC IP67 sockets: n.1 3P 16A + n.1 5P 32A | Full power terminal |
| Circuit breaker | Magnetothermal type 4P 32A | Magnetothermal type 4P 32A |
| Main protection alarms | Min-max V and Hz. LOP. HWT. Battery charger alternator failure. Low fuel level | |

STANDARD ELECTRONIC CONTROL UNIT

LOVATO ELECTRIC
RGK420 SA



Functions: manual start, remote start, periodic test

Multimeter V (L1, L2, L3, N), A (L1), Hz, kVA, battery V, hour counter

Backlit LCD display. Optical port and NFC

COMAP
IntelliLite 9



Functions: automatic or manual start, remote start, periodic test

Multimeter V (L1, L2, L3, N), A (L1, L2, L3), Hz, kVA, battery V, hour counter

Backlit LCD display. USB port

Communication accessories available: Ethernet, GSM-GPRS, 4G, GPS

OPTIONAL ELECTRONIC CONTROL UNIT



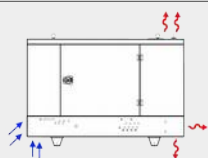
DEEP SEA DSE4520 MKII
DEEP SEA DSE7320 MKII





COMAP AMF25

SOUNDPROOF AND WEATHERPROOF CANOPY



| | |
|---|---|
| <i>Self-supporting frame material</i> | <i>Carbon steel sheet, electro-welded, minimum thickness 2,5 mm</i> |
| <i>Soundproof canopy material</i> | <i>Carbon steel sheet, electro-welded, thickness between 1,5 and 4,5 mm</i> |
| <i>Painting</i> | <i>Epoxy powder RAL 5015 textured, outdoor-proof</i> |
| <i>In-built fuel tank</i> | 55 lt + Drip tray |
| <i>Soundproofing coating material</i> | <i>Polyurethane finished with water-repellent and anti-oil fabric. Fire resistance EN13501-1 class B</i> |
| <i>Muffler</i> | <i>In-built the canopy. Residential type with sound reduction 35 dB(A)</i> |
| <i>Access openings</i> | <i>n.2 doors with key lock</i> |
| <i>Electric panel</i> | <i>Short side position. Dedicated protective door with padlockable lock and porthole (only GS with automatic panel)</i> |
| <i>Fresh air intake and hot air expulsion</i> |  |
| <i>Lifting system</i> | <i>n.4 lifting hooks</i> |
| <i>Support feet</i> | <i>n.4 support feet with holes for machine ground fastening</i> |

CONTAINER TRANSPORTABILITY ADVANTAGES

| VERSION | 20' BOX | 40' BOX | 40' HC |
|---|---------|---------|--------|
|  <i>N. transportable pieces</i> | 11 | 24 | 24 |
|  | 22 | 46 | 46 |

MAIN OPTIONS



32A automatic transfer switch (ATS)



120 lt bigger fuel tank with drip tray



750W engine preheating system



Automatic fuel transfer kit with manual by-pass system



Residual current circuit breaker



Electric fuel floater to check the fuel level from the electronic control unit



Engine oil pressure and cooling water temperature measuring instruments

OTHER OPTIONS

Power distribution socket set

Synchronizing electric panel

Battery switch

Remote control systems – **ETHERNET, 2G - 3G - 4G, GPS**

Further alternator brand

Quick couplings for connecting an external tank with three way valve

Outdoor, underground and transportable tanks

Slow or fast towing trailer

Front hot air expulsion canopy

Further colors

VERSIONS WITH SPECIAL EQUIPMENT



RENTAL

Special version with features designed for the rental market



ZERO NOISE

Super sound-proofed special version, noise level 50, 55 or 60 dB(A)

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