

Ref. TRA8628



Emergency power supply 3200W 60 [2800W]

#### KGSE4000-1MB

|                                                        |                                                                                                                                                                                                      |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NOMINAL POWER [N.P.] (W)                               | 3200                                                                                                                                                                                                 |
| OPERATING POWER [O.P.] (W)                             | 2800                                                                                                                                                                                                 |
| Technology                                             | Line-interactive                                                                                                                                                                                     |
| Input voltage (Vac)                                    | 185 ÷ 285                                                                                                                                                                                            |
| Input frequency (Hz)                                   | 50 / 60                                                                                                                                                                                              |
| Output voltage (Vac)                                   | 230 ± 5%                                                                                                                                                                                             |
| Output frequency (as input) (Hz)                       | 50 / 60                                                                                                                                                                                              |
| Operating current [inrush current] (A)                 | 12 [40]                                                                                                                                                                                              |
| Transfer time (ms)                                     | 2                                                                                                                                                                                                    |
| Wave form                                              | sine wave                                                                                                                                                                                            |
| BACKUP TIME / [W O.P.] (min)                           | 60 / [2800]                                                                                                                                                                                          |
| Battery type                                           | Sealed lead acid, maintenance-free, long life                                                                                                                                                        |
| Battery efficient dynamic fan system                   | -                                                                                                                                                                                                    |
| Battery input voltage (Vdc)                            | 72                                                                                                                                                                                                   |
| Maximum battery capacity (Ah)                          | 210                                                                                                                                                                                                  |
| Battery charging time (m)                              | 80% of nominal back up time within 12h                                                                                                                                                               |
| Efficiency (%)                                         | 97                                                                                                                                                                                                   |
| Overload N.P. (1 second) (%)                           | 120                                                                                                                                                                                                  |
| Input connection                                       | Screw terminal block                                                                                                                                                                                 |
| Output connection                                      | Screw terminal block                                                                                                                                                                                 |
| Overload O.P. (60 minutes) (%)                         | 120                                                                                                                                                                                                  |
| Signaling contacts available as standard / on board    | Clean contact for inverter fault, Clean contact for e.p.s. Emergency operation mode, Clean contact for bypass operation mode, Clean contact for complete battery discharge, EPO. Emergency Power Off |
| Signaling contacts available on optional board KPRESA5 | -                                                                                                                                                                                                    |
| Acoustic signals                                       | Shortcircuit, Overload, Minimum battery voltage, Thermal protection, Battery operation                                                                                                               |

|                                        |                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Information on the display             | Input voltage value (Vac), Output voltage value (Vac), Input/output frequency value (Hz), alarms / faults, Boost/buck operating mode, Cooling system on, Internal EPS temperature (°C), Overload, Connected load value (%), Batteries to replace, Battery voltage value, Present mains, Low battery voltage, By-pass enable |
| Working temperature (°C)               | 0 ... +40                                                                                                                                                                                                                                                                                                                   |
| Relative humidity (non condensing) (%) | 5 ÷ 95                                                                                                                                                                                                                                                                                                                      |
| Audible noise at 1m (dBA)              | <40                                                                                                                                                                                                                                                                                                                         |
| Installation                           | Wall with quick coupling bar                                                                                                                                                                                                                                                                                                |
| Standards                              | EN 50171, RoHS 2011/65/CE, EN 60204-1, EN 50272-2, EN 62040-3, EN 62040-1, Direttiva 2014/35/UE                                                                                                                                                                                                                             |
| EMC                                    | EN 62040-2, Direttiva 2014/30/UE                                                                                                                                                                                                                                                                                            |
| Width (mm)                             | 395,00                                                                                                                                                                                                                                                                                                                      |
| Height (mm)                            | 1810,00                                                                                                                                                                                                                                                                                                                     |
| Depth (mm)                             | 175,00                                                                                                                                                                                                                                                                                                                      |
| Weight - without batteries (kg)        | 35,50                                                                                                                                                                                                                                                                                                                       |
| Weight (kg)                            | 145,50                                                                                                                                                                                                                                                                                                                      |