

| Power Output Ratings |     | 50 Hz / 400 V |    | 60 Hz / 440 V |  |
|----------------------|-----|---------------|----|---------------|--|
| Standby Power (ESP)  | kVA | 34            | 39 |               |  |
|                      | kW  | 27            | 31 |               |  |
| Prime Power (PRP)    | kVA | 30            | 35 |               |  |
|                      | kW  | 24            | 28 |               |  |

**TBA**

| Engine                         |      |                     |                  |                  |  |
|--------------------------------|------|---------------------|------------------|------------------|--|
| Manufacturer                   |      | PERKINS             |                  |                  |  |
| Origin                         |      | U.K.                |                  |                  |  |
| Model                          |      | 1103A-33G           |                  |                  |  |
| No of Cylinder / Configuration |      | 3 - INLINE          |                  |                  |  |
| Displacement                   |      | lt                  | 3,3              |                  |  |
| Bore / Stroke                  |      | mm                  | 105 / 127        |                  |  |
| Compression Ratio              |      | 19,25:1             |                  |                  |  |
| Aspiration                     |      | Naturally Aspirated |                  |                  |  |
| Governor Type                  |      | MECHANIC            |                  |                  |  |
| Cooling System                 |      | WATER               |                  |                  |  |
| Coolant Capacity               |      | lt                  | 10,2             |                  |  |
| Lubrication Oil Capacity       |      | lt                  | 7,9              |                  |  |
| Electrical System              |      | VDC                 | 12               |                  |  |
| Speed / Frequency              |      |                     | 1500 rpm / 50 Hz | 1800 rpm / 60 Hz |  |
| Engine Gross Power             |      | kWm                 | 31               | 36,5             |  |
| Fuel Consumption               | lt/h | 110 %               | 7,9              | 9,5              |  |
|                                |      | 100 %               | 7,1              | 8,6              |  |
|                                |      | 75 %                | 5,4              | 6,6              |  |
|                                |      | 50 %                | 3,9              | 4,9              |  |
| Exhaust Outlet Temperature     |      | °C                  | 520              | 530              |  |
| Exhaust Gas Flow               |      | m³/min              | 5,8              | 6,6              |  |
| Combustion Air Flow            |      | m³/min              | 2,15             | 2,57             |  |
| Cooling Air Flow               |      | m³/min              | 53               | 70               |  |



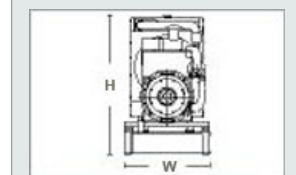
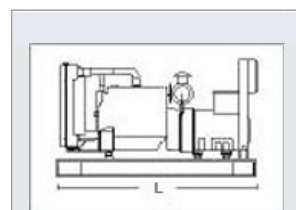
### Standby Power

Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under average of 70% load. Overloading is not permissible.

### Prime Power

Prime power is defined as being the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hours.

| Alternator                         |  |  |           |           |  |
|------------------------------------|--|--|-----------|-----------|--|
| Manufacturer                       |  | MARELLI                                      |           |           |  |
| Origin                             |  | ITALY  |           |           |  |
| Model                              |  | MJB160MB4                                    |           |           |  |
| No of Phase                        |  | 3  |           |           |  |
| Power Factor                       |  | 0,8  |           |           |  |
| No of Bearing                      |  | SINGLE                                       |           |           |  |
| No of Poles                        |  | 4  |           |           |  |
| No of Leads                        |  | 12   |           |           |  |
| Voltage Regulation ( Steady State) |  | ± %0,5                                       |           |           |  |
| Insulation Class                   |  | H  |           |           |  |
| Degree of Protection               |  | IP 23  |           |           |  |
| Excitation System                  |  | AVR (Automatic Voltage Regulator), Brushless |           |           |  |
| Connection Type                    |  | STAR   |           |           |  |
| Total Harmonic Content (No Load)   |  | < %2   |           |           |  |
| Frequency                          |  | Hz   | 50        | 60        |  |
| Voltage Output                     |  | VAC  | 230 / 400 | 254 / 440 |  |
| Rated Power (Standby)              |  | kVA  | 35,2      | 42,2      |  |
| Efficiency                         |  | %  | 88,3      | 88,3      |  |



|           | W x L x H (mm)    | Weight (kg) | Fuel Tank (lt) | Noise (dBA) |
|-----------|-------------------|-------------|----------------|-------------|
| Canopied  | 987 x 2265 x 1570 | 1080        | 90             | TBA         |
| Open Skid | 750 x 1600 x 1170 | 724         | 90             | TBA         |

- Technical information and values are according to ISO8528, ISO3046,NEMA MG-1.22, IEC 60034-1, BS 4999-5000, VDE 0530 standards.  
 - Producing with ISO9001, ISO14001, OHSAS18001, TSE, CE standards.  
 - All information given in this leaflet is intended for general purposes only. Due to a policy continuous improvement Teksan reserves the right to amend details and specifications without notice and all information given is subject to the Teksan's current condition of sales.

TBA: To Be Ask    TBD: To Be Determined    NA: Not Available    N/A: Not Applicable    TTD35PE0508-EN

