

| Power Output Ratings | | 50 Hz / 400 V | | 60 Hz / 440 V | |
|----------------------|-----|---------------|-----|---------------|--|
| Standby Power (ESP) | kVA | 385 | 440 | | |
| | kW | 308 | 352 | | |
| Prime Power (PRP) | kVA | 350 | 400 | | |
| | kW | 280 | 320 | | |



| Engine | | | | |
|--------------------------------|--------|------------------------------|------------------|------|
| Manufacturer | | DOOSAN | | |
| Origin | | KOREA | | |
| Model | | P158LE | | |
| No of Cylinder / Configuration | | 8 - V TYPE | | |
| Displacement | lt | 14,6 | | |
| Bore / Stroke | mm | 128 / 142 | | |
| Compression Ratio | | 15:1 | | |
| Aspiration | | Turbocharged and Intercooled | | |
| Governor Type | | ELECTRONIC | | |
| Cooling System | | WATER | | |
| Coolant Capacity | lt | 88,5 | | |
| Lubrication Oil Capacity | lt | 35 | | |
| Electrical System | VDC | 24 | | |
| Speed / Frequency | | 1500 rpm / 50 Hz | 1800 rpm / 60 Hz | |
| Engine Gross Power | kWm | 414 | 458 | |
| Fuel Consumption | lt/h | 110 % | 80,5 | 91,1 |
| | | 100 % | 69,8 | 80,1 |
| | | 75 % | 50,9 | 59,4 |
| | | 50 % | 34,3 | 39,6 |
| Exhaust Outlet Temperature | °C | 580 | 606 | |
| Exhaust Gas Flow | m³/min | 78,3 | 91,3 | |
| Combustion Air Flow | m³/min | 25,3 | 31,1 | |
| Cooling Air Flow | m³/min | 410 | 625 | |



Standby Power

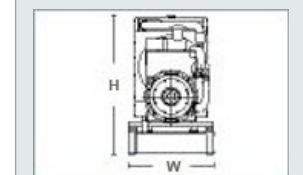
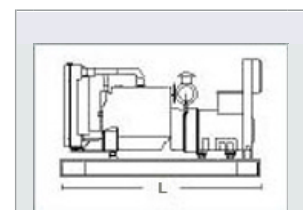
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under 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 | | MJB315SB4 | |
| 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 | 385 | 440 |
| Efficiency | % | 93,4 | 93,5 |

| | W x L x H (mm) | Weight (kg) | Fuel Tank (lt) | Noise (dBA) |
|-----------|--------------------|-------------|----------------|-------------|
| Canopied | 1687 x 4519 x 2400 | 3875 | 705 | TBA |
| Open Skid | 1300 x 3200 x 1870 | 2930 | 685 | 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 TTD385DW0508-EN

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