

TJ330DW5A

Diesel Generator Sets / 50 Hz

| Power Output Ratings | | 50 Hz / 400 V |
|----------------------|-----|---------------|
| Standby Power (ESP) | kVA | 330 |
| | kW | 264 |
| Prime Power (PRP) | kVA | 300 |
| | kW | 240 |

| Governor Type ELECTRONIC Cooling System WATER Coolant Capacity It 65 Lubrication Oil Capacity It 23 Electrical System VDC 24 Speed / Frequency 1500 rpm / 50 Hz Engine Gross Power kWm 294 Fuel Consumption It/h 77,6 100 % 63,1 75 % 47 50 % 31,3 Exhaust Outlet Temperature °C 590 | | | | | Standby Power (ESP) | |
|---|-----------|------------------------------|--------|--------------------------|--------------------------------|--|
| No of Cylinder / Configuration 6 - INLINE | | DOOSAN | | Manufacturer | | |
| Displacement It | | P126TI-II | | Model | | |
| Bore / Stroke | | 6 - INLINE | | | No of Cylinder / Configuration | |
| Compression Ratio 17:1 Aspiration Turbocharged and Intercool Governor Type ELECTRONIC Cooling System WATER Coolant Capacity It 65 Lubrication Oil Capacity It 23 Electrical System VDC 24 Speed / Frequency 1500 rpm / 50 Hz Engine Gross Power kWm 294 Fuel Consumption It/h 77,6 100 % 63,1 75 % 47 50 % 31,3 Exhaust Outlet Temperature °C 590 | | 11,1 | lt | Displacement | | |
| Aspiration Turbocharged and Intercool Governor Type ELECTRONIC Cooling System WATER Coolant Capacity It 65 Lubrication Oil Capacity It 23 Electrical System VDC 24 Speed / Frequency 1500 rpm / 50 Hz Engine Gross Power kWm 294 Fuel Consumption 110 % 77,6 100 % 63,1 75 % 47 50 % 31,3 Exhaust Outlet Temperature °C 590 | 123 / 155 | | mm | | Bore / Stroke | |
| Governor Type ELECTRONIC Cooling System WATER Coolant Capacity It 65 Lubrication Oil Capacity It 23 Electrical System VDC 24 Speed / Frequency 1500 rpm / 50 Hz Engine Gross Power kWm 294 Fuel Consumption 110 % 77,6 100 % 63,1 75 % 47 50 % 31,3 Exhaust Outlet Temperature °C 590 | | 17:1 | | Compression Ratio | | |
| Cooling System WATER Coolant Capacity It 65 Lubrication Oil Capacity It 23 Electrical System VDC 24 Speed / Frequency 1500 rpm / 50 Hz Engine Gross Power kWm 294 Fuel Consumption 110 % 77,6 100 % 63,1 75 % 47 50 % 31,3 Exhaust Outlet Temperature °C 590 | oled | Turbocharged and Intercooled | | Aspiration | | |
| Coolant Capacity It 65 Lubrication Oil Capacity It 23 Electrical System VDC 24 Speed / Frequency 1500 rpm / 50 Hz Engine Gross Power kWm 294 Fuel Consumption 110 % 77,6 100 % 63,1 75 % 47 50 % 31,3 Exhaust Outlet Temperature °C 590 | | ELECTRONIC | | Governor Type | | |
| Lubrication Oil Capacity It 23 Electrical System VDC 24 Speed / Frequency 1500 rpm / 50 Hz Engine Gross Power kWm 294 Fuel Consumption 110 % 77,6 100 % 63,1 75 % 47 50 % 31,3 Exhaust Outlet Temperature °C 590 | | WATER | | Cooling System | | |
| Electrical System VDC 24 | | 65 | lt | Coolant Capacity | | |
| Speed / Frequency 1500 rpm / 50 Hz Engine Gross Power kWm 294 Fuel Consumption 110 % 77,6 100 % 63,1 75 % 47 50 % 31,3 Exhaust Outlet Temperature °C 590 | | 23 | lt | Lubrication Oil Capacity | | |
| Engine Gross Power kWm 294 Fuel Consumption 110 % 77,6 100 % 63,1 75 % 47 50 % 31,3 Exhaust Outlet Temperature °C 590 | | 24 | VDC | Electrical System | | |
| Fuel Consumption It/h 110 % 77,6 100 % 63,1 75 % 47 50 % 31,3 Exhaust Outlet Temperature °C 590 | | 1500 rpm / 50 Hz | | Speed / Frequency | | |
| Fuel Consumption It/h 100 % 63,1 75 % 47 50 % 31,3 Exhaust Outlet Temperature °C 590 | | 294 | kWm | | Engine Gross Power | |
| Fuel Consumption It/h 75 % 47 50 % 31,3 Exhaust Outlet Temperature °C 590 | | 77,6 | 110 % | | Fuel Consumption | |
| 75 % 47 50 % 31,3 Exhaust Outlet Temperature °C 590 | | 63,1 | 100 % | lt/h — | | |
| Exhaust Outlet Temperature °C 590 | | 47 | 75 % | | | |
| | | 31,3 | 50 % | | | |
| | | 590 | °C | | Exhaust Outlet Temperature | |
| Exhaust Gas Flow m³/min 47,4 | | 47,4 | m³/min | | Exhaust Gas Flow | |
| Combustion Air Flow m³/min 20,1 | | 20,1 | m³/min | | Combustion Air Flow | |
| Cooling Air Flow m³/min 295 | | 295 | m³/min | | Cooling Air Flow | |





Standby Power

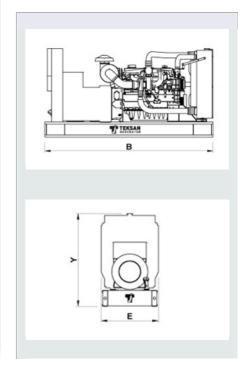
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under 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 | |
| Model | | MJB315SA4 | |
| 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 | | н | |
| Degree of Protection | | IP 23 | |
| Excitation System | | AVR (Automatic Voltage Regulator), Brushless | |
| Connection Type | | STAR | |
| Total Harmonic Content (No Load) | | < %2 | |
| Frequency | Hz | 50 | |
| Voltage Output | VAC | 230 / 400 | |
| Rated Power (Standby) | kVA | 330 | |
| Efficiency | % | 93,1 | |

| | W x L x H (mm) | Weight (kg) | Fuel Tank (It) | Noise dB(A) |
|-----------|--------------------|-------------|----------------|-------------|
| Canopied | 1337 x 3969 x 1950 | 2940 | 510 | TBA |
| Open Skid | 1100 x 3000 x 1565 | 2230 | 380 | 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.

TBA: To Be Ask

- 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.

N/A: Not Applicable

TBD: To Be Determined **NA:** Not Avaliable www.teksangenerator.com TTD330DW5A0510-EN

