



| SERVICE | | DCP |
|-----------------------|---------|-----------------|
| POWER | kVA | 2309 |
| POWER | kW | 1847 |
| RATED SPEED | r.p.m. | 1.500 |
| MAIN VOLTAGE | V | 400/230 |
| AVAILABLE VOLTAGES | V | 380/220 415/240 |
| RATED AT POWER FACTOR | Cos Phi | 0,8 |



INDUSTRIAL RANGE

HIMOINSA Company with quality certification ISO 9001

HIMOINSA gensets are compliant with EC mark which includes the following directives:

- 2006/42/CE Machinery safety.
- 2014/30/UE Electromagnetic compatibility.
- 2014/35/UE electrical equipment designed for use within certain voltage limits
- 2000/14/EC Sound Power level. Noise emissions outdoor equipment. (amended by 2005/88/EC)
- 97/68/EC Emissions of gaseous and particulate pollutants.
- EN 12100, EN 13857, EN 60204

Ambient conditions of reference according to ISO 8528-1:2020 normative: 1000 mbar, 25°C, 30% relative humidity.

Prime Power (PRP):

According to ISO 8528-1:2020, Prime power is the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output (Ppp) over 24 h of operation shall not exceed 70 % of the PRP.

Emergency Standby Power (ESP):

According to ISO 8528-1:2020, Emergency standby power is 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 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP

Data Center Power (DCP): Complies with Uptime Institute. The manufacturer declares an acceptable average load factor 100% for an unlimited number of hours with maintenance interval of 1000 hours or 8 years. If the model is for DCP application, you have to inform to factory.

G3 class load acceptance in accordance with ISO 8528-5:2020

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PORTUGAL | POLAND | GERMANY | UK | SINGAPORE | UAE | PANAMA |
DOMINICAN REPUBLIC | ARGENTINA | ANGOLA | SOUTH AFRICA | MOROCCO



OPEN SKID



OPEN SKID



WATER-COOLED



THREE PHASE



50 HZ



DIESEL

Himoinsa has the right to modify any feature without prior notice.

Weights and dimensions based on standard products. Illustrations may include optional equipment.

Technical data described in this catalogue correspond to the available information at the moment of printing.

The illustrations and images are indicative and may not coincide in their entirety with the product.

Industrial design under patent.



Engine Specifications | 1.500 r.p.m.

| | | |
|-------------------------------------|-------------------------------|-----------|
| Rated Engine Output (DCP) | kW | 1975 |
| Manufacturer | YANMAR | |
| Model | 12GY175L.DF5F | |
| Engine Type | 4-stroke diesel | |
| Injection Type | Direct | |
| Aspiration Type | Turbocharged and after-cooled | |
| Number of cylinders and arrangement | 12-V | |
| Bore and Stroke | mm | 175 x 215 |
| Displacement | L | 62,1 |
| Cooling System | Water | |
| Lube Oil Specifications | SAE 15W-40, API CI-4 or CK-4 | |

| | | |
|-------------------------------------|-------|------------|
| Fuel Consumption 100% DCP | l/h | 446,73 |
| Fuel Consumption 75 % DCP | l/h | 335,04 |
| Fuel Consumption 50 % DCP | l/h | 232,77 |
| Fuel Consumption 25 % DCP | l/h | 132,35 |
| Lube oil consumption with full load | g/kWh | 0,4 |
| Total oil capacity | L | 306 |
| Governor | Type | Electrical |
| Air Filter | Type | Dry |



- Oil temperature sensor
- Low coolant level sensor
- Exhaust gas compensator
- Fuel water alarm
- Electric pre-lubrication / oil extraction pump
- Electric fuel priming pump
- Standard air filter
- Standard fuel filter
- Standard oil filter
- Water separator filter (visible level)
- Radiator water level sensor
- HTW sender
- LOP sender
- Electronic governor
- Hot parts protection
- Moving parts protection



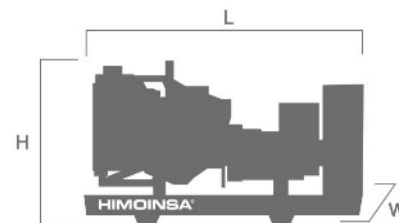
Generator Specifications | STAMFORD

| | | |
|----------------------------|----------|---|
| Manufacturer | STAMFORD | |
| Model | S7L1D.J4 | |
| Poles | No. | 4 |
| Connection type (standard) | Star | |
| Mounting type | S-00 21" | |
| Insulation | H class | |

| | |
|--------------------------------|--------------------------------|
| Enclosure (according IEC-34-5) | IP23 |
| Voltage regulator | A.V.R. (Electronic) |
| Bracket type | Double drive-shaft |
| Coupling system | Elastic Coupling |
| Coating type | Standard (Vacuum impregnation) |

WEIGHT AND DIMENSIONS

| Standard Version | | |
|--|-------|------|
| Length Without Control Panel (L) | mm | Ask |
| Length With Control Panel (L) | mm | 6960 |
| Height (H) | mm | 2820 |
| Width (W) | mm | 2220 |
| Weight with liquids in radiator and sump | Kg | Ask |
| Fuel tank capacity | L | 350 |
| Autonomy (75%) | Hours | 1 |



APPLICATION DATA

EXHAUST SYSTEM

| | | |
|-------------------------------|--------|-----|
| Maximum exhaust temperature | °C | 480 |
| Exhaust Gas Flow | m³/min | 363 |
| Maximum allowed back pressure | kPa | 6 |

NECESSARY AMOUNT OF AIR

| | | |
|-------------------------|------|------|
| Alternator fan air flow | m³/s | 3,01 |
|-------------------------|------|------|

STARTING SYSTEM

| | | |
|-------------------|-----|-----------|
| Starting power | kW | 9 x 2 |
| Starting power | CV | 12,24 x 2 |
| Auxiliary Voltage | Vdc | 24 |

FUEL SYSTEM

| | | |
|-------------------------|--------|-----|
| Fuel Oil Specifications | Diesel | |
| Fuel Tank | L | 350 |



Open set version

- Steel chassis
- Emergency stop button
- Mechanical radiator
- Anti-vibration shock absorbers
- Chassis with integrated fuel tank
- Fuel level gauge
- High mechanical strength
- Fuel tank drain plug
- Steel industrial silencer -15db(A) attenuation (Optional).
- Steel residential silencer -35db(A) attenuation. (Optional).



Control Panels

AS5

Automatic panel WITHOUT transfer switch and WITHOUT mains control with CEM8 unit. (*) AS5 as optional with CEA8 unit. Automatic panel without transfer switch and WITH mains control.

Digital control unit CEM8 CEA8



Electrical system

- Electric control and power panel with measurements devices and control unit (according to necessity and configuration)
- Maintenance-free and anti-explosion battery
- Battery Switch
- Control panel and emergency stop button
- Battery charger (standard on gensets with automatic control panels)
- Heating resistor (standard on sets with automatic control panels)
- Battery charger alternator with ground connection
- Starter battery/ies installed (cables and bracket included)
- Ground connection electrical installation with connection ready for ground spike (not supplied)