



For illustrative purposes only

### Дизельная электростанция Onis Visa

- 1- Industrial diesel engine in genset version with certificate of origin
- 2- Industrial brushless alternator with AVR
- 3- Compact steel baseframe and fuel tank (retention basin optional)
- 4- Industrial silencer and coupling flange
- 5- Electrical panel mounted on board the unit with digital control device installed in metal box
- 6- Compact for easy handling and use
- 7- Test report, manuals and electrical drawings supplied
- 8- World wide after sales service and technical support

**Further details on the technical data sheet**

Мощность	
<b>Continuous power (PRP)</b>	<b>810.0 (kVA)</b>
<b>Continuous power (PRP)</b>	<b>648.0 (kW)</b>
<b>Stand-by power (LTP)</b>	<b>860.0 (kVA)</b>
<b>Stand-by power (LTP)</b>	<b>688.0 (kW)</b>
<b>Power factor</b>	<b>0.8</b>

#### Voltage

Frequency (Hz)	50 Hz
Voltage (V)	400 V

#### Dimensions and noise level

Width	2200 mm
Length	4500 mm
Height	2400 mm
Weight	6780 kg
Sound pressure 7 m.	0.0 dBA

#### Data references

Standard reference conditions temperature 25°C, altitude 100m asl, relative humidity 30%, atmospheric pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non distortional. Fuel consumption is nominal and refers to specific weight 0,850kg/l. Sound power values refer to free field conditions: the installation site may influence the values. Dimensions, weights and other specifications contained in the technical data sheet and related attachments are nominal, subject to tolerances and refer to the model with standard equipment; any optional and additional equipment/accessories can modify weight, dimensions, performance.

**P.R.P. Prime Power-Continuous power at variable load:** The power that a genset can supply in continuous service at a variable load for an unlimited number of hours per year while respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer. according to ISO8528-1. The average power supplied over time and any applicable overload must be less than the percentages stated by the Manufacturer.  
**L.T.P. Limited-time running power-Limited power:** The maximum power that a genset can supply for a limited time respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer according to ISO 8528-1. The number of hours per year is stated by the Manufacturer. Overload is not permitted.

Двигатель	
Engine brand	CUMMINS
Engine model	QSK23-G3
Cylinders	6
Speed	1500 r.p.m.
Cubic capacity	23.10 l
Air intake	Turbocharged
Standard voltage	24 Vdc
Optional voltage	Vdc
Sae	0-18
BMEP	2675 kPa
Cooling	Water

#### Engine power

Flywheel P.R.P. Power	701.0 kW
Flywheel Stand-by Power	768.0 kW

#### Fuel consumption

Fuel Cons. at 100% (L.T.P.)	178.0 l/h
Fuel Cons. at 100% (P.R.P.)	161.0 l/h
Fuel Cons. at 75% (P.R.P.)	121.0 l/h
Fuel Cons. at 50% (P.R.P.)	85.0 l/h
Fuel Cons. at 25% (P.R.P.)	46.0 l/h

#### Speed regulation

Electronic regulator	Standard
Precision class	G3

#### Engine dimensions and liquids

Oil quantity	103.0 l
Engine Antifreeze capacity	46.5 l
Radiator standard	IM50

