

Product Description

Professional inverter power generator equipped with an **internal combustion engine** with a **capacity of 119cc** and **3 HP**. The generator has a **copper winding**, thanks to which the defendant can generate an **instantaneous maximum power of 2000W**. The constant power that the generator can be loaded is **1800W for one 230V socket**, in the case of using two sockets, the output power is divided into two sockets.

Inverter power generators operate on slightly different principles than traditional frame power generators. The main and most important difference is a **much more advanced technology**, the so-called **smoothed sine wave**. One of the most important elements of the power generator is the inverter, which initiates the production of **high-quality, pure electricity**, which is converted into direct current in subsequent stages. Thanks to the **inverter and automatic voltage regulation (AVR)**, it will be perfect for powering devices sensitive to voltage changes. The **fuel tank with a capacity of 10 liters** allows for uninterrupted work (at half load) for about **9 hours**.

Product Features:

- made using high-quality components and materials
- inverter combined with a high-class automatic voltage regulator (AVR), maintains the voltage at a constant level, thanks to which the generator can be used as an emergency power source for all household appliances, even those sensitive to small voltage changes, such as computers, televisions, refrigerators, cookers, lighting, etc.
- 3 HP motor allows you to get maximum power of 2000W and constant power of 1800W
- copper winding
- at half load, the device can work up to 9 hours on one fuel tank
- 2 230V sockets
- manual start assisted by the electronic ignition system
- quiet operation of the device is ensured by a properly selected silencer and very good shock absorption (95 dB)
- 10l fuel tank equipped with a fuel level indicator

Technical Data:

Brand: **Tvardy**

Model: **QL2000ix**

Engine type: **1-cylinder, 4-stroke, OHV overhead valve**
Engine power: **3.0 HP**
Displacement: **119 cm³**
Rotation speed: **4000 rpm**
Cooling system: **Fan**
Startup Type: **Manual**
Generator: **Single-phase**
Rated voltage: **230V**
Frequency: **50 Hz**
Rated current: **7.82 A**
Ignition system: **Electronic**
Sockets: **2 x 230 V**
Fuel tank capacity: **10 liters**
Oil pan capacity: **0.38 l**
Engine oil: **10W40 or SAE30 4-stroke engine oil**
Maximum power: **2000 W, operating mode S2, 5 min**
Rated power: **1800 W**
Power factor: **1.0**
Continuous operation (50% of rated load): **9 hours**
Performance class: **G1**
Quality class: **B**
Protection class: **IP23M**
Own weight: **21.5 kg**
Guaranteed sound power level: **95 dB (A)** (according to the Directives 2000/14 / EC, 2005/88 / EC)
Maximum working altitude above sea level: **1000 m**
Length x Width x Height: **460 x 380 x 440 mm**
Package dimensions: **490 x 395 x 470 mm**