



## QINEO GLW 502 AC/DC

**TIG AC/DC welding power source up to 460 ampere for automated and manual welding**

With its excellent process functions, you can use the QINEO GLW-502 TIG Inverter welding power source for a wide range of applications in manual and automated welding. The QINEO GLW provides three different AC waveforms. In this way you always react appropriately to the special requirements of welding aluminium materials. An optional interface offers an optimal connection to robot or system controllers. The high tolerance to mains voltage fluctuations guarantees best welding results with long cable lengths and when operating on a generator. Equipped as standard for gas-cooled TIG welding torches, the units can optionally be equipped with a cooling module. A trolley and a gas bottle holder are also available for an optimum mobility.

- Safe arc ignition: Matched start parameters for best ignition conditions
- Alternating current waveform for every need: Individual AC waveforms for demanding tasks
- Penetration function for thin/thick plate joints: Joining of aluminium plates of very different thicknesses
- Suitable for MMA welding: Optimum flow behaviour and more protection due to VoltageReduceControl
- Optimum power and weight ratio The powerful but light partner - everywhere
- Everything at a glance: A clear operating panel for easy handling
- Robust construction: High level of stability of the devices
- Automation interface: Easy integration of the TIG welding power source in robot welding systems





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### Technical Data

|                                |                        |
|--------------------------------|------------------------|
| Welding current                | 5 A - 500 A            |
| Welding current 100% duty cycl | 400 A                  |
| Open circuit voltage           | 85 V                   |
| Mains voltage                  | 400V / 50Hz / 3 phases |
| Connection cable               | 4 x 6 mm <sup>2</sup>  |
| Type of protection             | IP 23 S                |
| Dimensions (L/W/H) compact uni | 690 x 290 x 450 mm     |
| Weight compact unit            | 54 kg                  |

### Application

Manual

### Process

- TIG DC welding
- TIG AC/DC welding

### Questions about the product?

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**CLOOS**