

McWeld "TG" Serie Inverter Power Source for TIG Welding

Features and benefits:

- * Robust and durable for heavy duty welding
- * Energy efficient
- * Arc start and arc force controls

Input



Output



Model TG500

McWeld model "TG" serie are inverter welding power sources with IGBT technology designed for high frequency TIG welding application, and also SMAW (stick) welding.

These machines are designed to be energy efficient, robust and durable for heavy duty welding in harsh and rugged environment such as shipyards, engineering and fabrication yards, oil refineries and offshore worksites.

The "TG" serie machines are equipped with Arc Start control for easy arc striking and Arc Force control for smooth welding and equipped with 2 step/4 step control and variable down slope control for TIG application.

Technical Specifications

| MODEL | TG400 | | TG500 | |
|----------------------------|------------------------------------|----------------------|------------------------------------|----------------------|
| Welding process | SMAW | TIG (high frequency) | SMAW | TIG (high frequency) |
| Input supply voltage | 415V AC +/- 10%, 50/60 HZ, 3 phase | | 415V AC +/- 10%, 50/60 HZ, 3 phase | |
| Rated input power | 18.4 KVA | | 25.7 KVA | |
| Rated input current @ 415V | 28 A | | 30.2A | |
| Open circuit voltage | 70 V | | 70V | |
| Output current range | 20A/21V - 400A/36V | 20A/11V - 400A/26V | 50A/22V ~ 500A/40V | 50A/12V ~ 500A/30V |
| Rated duty cycle @ 60% | 400A/36V | 400A/26V | 500A/40V | 500A/30V |
| @ 100% | 310A/32.4V | 310A/22.4V | 388A/35.5V | 388A/25.5V |
| Current up slope time | - | 0 ~ 5 sec | - | 0 ~ 5 sec |
| Current down slope time | - | 0.5 ~ 10 sec | - | 0.5 ~ 10 sec |
| Gas pre flow time | - | 0.5 sec | - | 0.5 sec |
| Gas post flow time | - | 1 ~ 10 sec | - | 1 ~ 10 sec |
| Dimensions (L X W X H) | 576 X 297 X 557 mm | | 650 X 420 X 690 mm | |
| Weight | 45 kg | | 58 kg | |

The above data is subject to change due to continuous improvements

For Rental and Sales inquiry, please contact:



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