



SAW



Direct Current Output



50/60Hz Input Power Source



Forced Air Cooling



Energy Saving And Environment Friendly

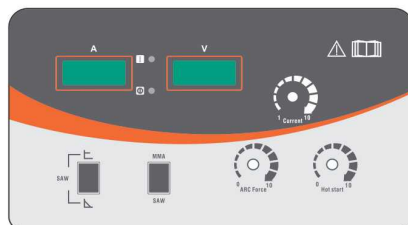
Features

- IGBT Module inverter technology
- 1000A/44V, 100% duty cycle; max short circuit current is 1500A.
- Power devices (INFINEON) ensures high reliability.
- Unique control circuit guarantees balanced two sides output current.
- (Patent no.:200920262380.0)
- Complete protection including over-current, over-heat, phase loss, over/under voltage protections.
- Professional 3-proofing designs ensure well operation in extremely harsh environment.
- Wide application in Pre Engineered Buildings, boiler, wind power industry, pipe line wet lifting equipments and pressure vessel, etc.
- International Standard IEC 60974-1

Accessories

Standard

- Control box: MK-1 ,1pc
- Welding tractor: AT-1, 1pc
- Control cable: 10*0.75mm -15m, 1pc
- Welding cable: 70mm²-15m 2pcs
- Earth cable: 70mm²-5m 2pcs
- Wheel-track: 300mm x 1000mm 2pcs



Specifications

Standard

- SAW/ MMA/ Carbon ARC gouging
- CC SAW / CV SAW
- Adjustable Arc force & Hot start



| | MZ-1000 M308 | MZ-1250 M310 |
|----------------------------------|----------------------|----------------------|
| Input power source | 3~AC380V±15% 50/60Hz | 3~AC380V±15% 50/60Hz |
| Rated input current (A) | 73.2 | 91.5 |
| Rated input power capacity (KVA) | 52 | 65 |
| Power factor (cosφ) | 0.85 | 0.85 |
| No-load voltage (V) | 79 | 79 |
| Rated output (A/V) | 1000/44 | 1250/44 |
| Welding current (A) | 100-1000 | 100-1250 |
| Arc start range (A) | 0-500 | 0-500 |
| Arc force range (A) | 0-580 | 0-580 |
| Rated duty cycle (%) @40°C | 100 | 80 |
| Efficiency (%) | 91 | 91 |
| Protection class | IP21S | IP21S |
| Insulation class | | FF |
| Dimensions (mm) | 890X400X811 | 890X400X811 |
| Weight (Kg) | 115 | 115 |