

## Digital Inverter DC SAW Power Source

KID -1200



CC / CV  
OUTPUT

### Features & Specifications:

- IGBT based heavy duty inverter DC power source for Submerged Arc Welding, Carbon Air Arc Gouging (CAAG) and Electro Slag Welding
- With unique high-power non-parallel inverter technology, the machine has simplified structure and reduced the potential failure points, avoided the different current issue among the modules caused by parallel method.
- Digital inverter control, high accuracy, more stable ARC output.
- Digital MCU intelligent control, fault self-diagnosis, output fault code.
- Energy saving, economic and environment-friendly, efficiency up to 89%.
- With power supply voltage fluctuation compensation function, 20% voltage fluctuation is allowed.
- The power factor can reach 0.94, which has little influence on the power grid.
- Has multi protection function, such as overheat, over current, over voltage, under voltage, phase missing etc.
- CC/CV DC output optional.

| Specifications        | KID-1200              |
|-----------------------|-----------------------|
| Control Mode          | Inverter              |
| Mains supply          | 415V ± 20%, 3Ph, 50Hz |
| Rated input power     | 64KVA                 |
| Rated no load voltage | 74V                   |
| Output current range  | 100 – 1200A           |
| Full load rating      | 1200A / 70%           |
| Continuous load       | 1000A / 100%          |
| Protection class      | IP21S                 |
| Insulation class      | 200°C                 |
| Dimensions, L x W x H | 718 x 503 x 1007 mm   |
| Weight                | 141 Kg                |

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