

MasterTig 235ACDC GM AU



TECHNICAL SPECIFICATIONS

MasterTig 235ACDC GM AU

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|-------------------------------------------------|-----------------------------------------------------------------------|
| Product code | MT235ACDCGMAU |
| Connection voltage 1~ 50/60 Hz | 110 / 240 V |
| Fuse | 15 A |
| Stick electrode sizes | 1.6...5.0 mm |
| Recommended generator power (min) | 8 kVA |
| Open circuit voltage (average) | 23 V (locked to VRD) |
| Operating temperature range | -20...+40 °C |
| External dimensions LxWxH | 544 x 205 x 443 mm |
| Weight (no accessories) | 19.1 kg |
| Degree of protection | IP23S |
| Standards | IEC 60974-1,-3,-10 IEC 61000-3-12 AS 60974.1-2006 GB 15579.1 |
| EMC class | A |
| Rated maximum output at 40 °C (240 V) 40 % TIG | 230 A / 19.2 V |
| Rated maximum output at 40 °C (240 V) 60 % TIG | 200 A / 18 V |
| Rated maximum output at 40 °C (240 V) 100 % TIG | 170 A / 16.8 V |
| Rated maximum output at 40 °C (240 V) 37 % MMA | 180 A / 27.2 V |
| Rated maximum output at 40 °C (240 V) 60 % MMA | 150 A / 26 V |

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| Rated maximum output at 40 °C (240 V) 100 % MMA | 120 A / 24.8 V |
| Rated maximum output at 40 °C (110 V) 40 % TIG | 130 A / 15.2 V |
| Rated maximum output at 40 °C (110 V) 60 % TIG | 110 A / 14.4 V |
| Rated maximum output at 40 °C (110 V) 100 % TIG | 90 A / 13.6 V |
| Rated maximum output at 40 °C (110 V) 40 % MMA | 85 A / 23.4 V |
| Rated maximum output at 40 °C (110 V) 60 % MMA | 75 A / 23 V |
| Rated maximum output at 40 °C (110 V) 100 % MMA | 55 A / 22.2 V |
| Range of output (110 V) TIG | 3 A / 1 V ... 130 A / 24 V |
| Range of output (240 V) TIG | 3 A / 1 V ... 230 A / 31 V |
| Range of output (110 V) MMA | 10 A / 1 V ... 85 A / 35 V |
| Range of output (240 V) MMA | 10 A / 10 V ... 180 A / 40 V |