

Master 315 G



OVERVIEW

300 A stick welding power source suitable for generator use. Equipped as standard with a full-color 7-inch TFT display. When connected to a Flexlite TX 223GVD13 torch, Master 315 provides an excellent power source for quality DC TIG welding.

TECHNICAL SPECIFICATIONS

Master 315 G

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|------------------------------------------|------------------------------------------------|
| Product code | M315G |
| Connection voltage 3~ 50/60 Hz | 380...460 V ± 10 % |
| Fuse | 16A-C |
| Stick electrode sizes | 1.6...7.0 mm |
| Welding range (MMA) | 10...300 A |
| Welding range (TIG) | 3...300 A |
| Power factor at 100 % ED | 0.89 |
| Max. welding voltage | 63...89 Vdc |
| Recommended generator power (min) | 20 kVA |
| Open circuit voltage (average) | 50 V |
| External dimensions LxWxH | 544 x 205 x 443 mm |
| Weight (no accessories) | 21.4 kg |
| Degree of protection | IP23S |
| Standards | IEC 60974-1,-3,-10, IEC 61000-3-12, GB 15579.1 |
| EMC class | A |
| Operating temperature range | -20...+40 °C |
| Rated maximum output at 40 °C (40 % TIG) | 300 A / 22 V |
| Rated maximum output at 40 °C (60 % TIG) | 260 A / 20.4 V |

Master 315 G

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|-------------------------------------------|----------------|
| Rated maximum output at 40 °C (100 % TIG) | 220 A / 18.8 V |
| Rated maximum output at 40 °C (40 % MMA) | 300 A / 32 V |
| Rated maximum output at 40 °C (60 % MMA) | 260 A / 30.4 V |
| Rated maximum output at 40 °C (100 % MMA) | 220 A / 28.8 V |
| Efficiency at 100 % ED | 0.87 |