Master 315 G AU

OVERVIEW

300 A stick welding power source suitable for generator use. This model is equipped with Voltage Reduction Device, meeting specific market needs. 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 AU

Product code	M315GAU
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 10…300 A (400 V) 10…260 A (220 V)
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)	23 V
Operating temperature range	-20…+40 °C
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, AS 60974.1-2006
EMC class	A

Master 315 G AU / Technical specifications

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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
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

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