

# MasterTig 325DC GM



## OVERVIEW

300 A DC, 3-phase generator and multi-voltage use

## TECHNICAL SPECIFICATIONS

### MasterTig 325DC GM

Product code	MT325DCGM
Connection voltage 3~ 50/60 Hz	220 ... 230 V; 380 ... 460 V $\pm$ 10 %
Fuse	20 A
Stick electrode sizes	1.6 ... 6.0 mm
Recommended generator power (min)	20 kVA
Open circuit voltage (average)	50 V
External dimensions LxWxH	544 x 205 x 443 mm
Weight (no accessories)	21.5 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)	230 A / 19.2 V
Rated maximum output at 40 °C (100 % TIG)	190 A / 17.6 V
Rated maximum output at 40 °C (40 % MMA)	250 A / 30 V
Rated maximum output at 40 °C (60 % MMA)	230 A / 29.2 V
Rated maximum output at 40 °C (100 % MMA)	190 A / 27.6 V

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Range of output TIG	3 A / 1 V ... 300 A / 27 V (@ 220 V)
Range of output MMA	10 A / 10 V ... 250 A / 32 V (@ 220 V)