

# MasterTig 425DC G



## OVERVIEW

400 A DC, 3-phase generator use

## TECHNICAL SPECIFICATIONS

### MasterTig 425DC G

Product code	MT425DCG
Connection voltage 3~ 50/60 Hz	380...460 V $\pm 10$ %
Fuse	16A-C
Stick electrode sizes	1.6...7.0 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)	23.6 kg
Degree of protection	IP23S
Standards	IEC 60974-1,-3,-10, IEC 61000-3-12
EMC class	A
Operating temperature range	-20...+40 °C
Rated maximum output at 40 °C (30 % TIG)	400 A / 26 V
Rated maximum output at 40 °C (60 % TIG)	320 A / 22.8 V
Rated maximum output at 40 °C (100 % TIG)	280 A / 21.2 V
Rated maximum output at 40 °C (40 % MMA)	350 A / 34 V
Rated maximum output at 40 °C (60 % MMA)	320 A / 32.8 V
Rated maximum output at 40 °C (100 % MMA)	270 A / 30.8 V
Range of output TIG	3...400 A

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Range of output MMA

10...350 A