



Special symbols

-  4-roll wire drive
-  Water cooling option
-  Direct and pulsed current output
-  Alternating, direct and pulsed current output
-  Constant voltage output
-  Constant current and constant voltage output
-  Requires single phase supply
-  Multi-voltage unit
-  2-roll wire drive
-  Energy efficient compared to alternative product options
-  Supply frequency
-  Constant current output
-  Requires three phase supply



Contents

MIG/MAG welding	xx
TIG welding	xx
MMA welding	xx
Guns and torches	xx
Welding automation and arc performance solutions	xx
Software products, online services and arc monitoring	xx
Safety products, accessories and process training	xx

Technical specifications

MinarcTig Evo 200/200MLP		
Connection voltage	1~, 50/60 Hz	230 V ±15 % (AU 240 V ±15 %)
Rated power at max. current	TIG	35 % ED 200 A/4.9 kVA
	MMA	35 % ED 170 A/5.7 kVA
Supply current, I _{1max}	TIG	21.1 A
	MMA	24.8 A
Supply current, I _{1eff}	TIG	12.7 A
	MMA	14.7 A
Connection cable	H07RN-F	3G1.5 (1.5 mm ² , 3 m)
Fuse	type C	16 A
Output 40 °C	TIG	25 % ED 200 A /18 V
		60 % ED 160 A /16.4 V
		100 % ED 140 A /15.6 V
	MMA	35 % ED 170 A /26.8 V
		60 % ED 130 A /25.2 V
		100 % ED 110 A /24.4 V
Welding range	TIG	5 A /10.2 V...200 A /18.0 V
	MMA	10 A /20.4 V...170 A /26.8 V
Open circuit voltage		95 V (VRD 30 V, AU VRD 12 V)
Idle power	TIG	10 W
	MMA	30 W
Power factor at 100 % ED	TIG	0.99
	MMA	0.99
Efficiency at 100 % ED	TIG	77 %
	MMA	83 %
Striking voltage		6...12 kV
Stick electrodes, MMA	∅	1.5...4.0 mm
External dimensions	L x W x H	449 x 210 x 358 mm
Weight (without cables)		11 kg
Temperature class		F (155 °C)
Degree of protection		IP23S
EMC class		A
Operating temperature range		-20...+40 °C
Storage temperature range		-40...+60 °C
Standards: IEC 60974-1, IEC 60974-3, IEC 60974-10, IEC 61000-3-12		

MinarcTig Evo 200/200MLP

The finest TIG welding quality



Energy efficient

Technical specifications

MinarcTig 250/250MLP		
Connection voltage	50/60 Hz	3~, 400 V (-20...+15 %)
Rated power at maximum current	TIG	7.2 kVA
	MMA	8.2 kVA
Connection cable	H07RN-F	4G1.5 (5 m)
Fuse, slow		10 A
Output 40° C	TIG	35 % ED 250 A / 20.1 V
		60 % ED 180 A / 17.2 V
		100 % ED 160 A / 16.4 V
	MMA	35 % ED 220 A / 28.8 V
		60 % ED 170 A / 26.8 V
		100 % ED 150 A / 26.0 V
Welding range	TIG	5 A / 10.2 V – 250 A / 20.1 V
	MMA	10 A / 20.4 V – 220 A / 28.8 V
Open circuit voltage		95 V
Power factor at maximum current	TIG	0.92
	MMA	0.91
Efficiency at maximum current	TIG	80 %
	MMA	86 %
Stick electrode	∅	1.5–5.0 mm
External dimensions	L x W x H	400 x 180 x 340 mm
Weight (without cables)		11 kg

MinarcTig 250, 250MLP

Powerful, portable and compact

