



Master S 500

632150001

Master S 500 is designed for high-performance Stick (MMA) welding.
500 A power source including cellulose welding characteristics
provides great welding results with pleasurable welding experience.

Technical data

Description	Value
Mains connection voltage	380...440 V ± 10 %
Mains connection phases	3~50/60 Hz
Mains connection cable type	4G, H07RN-F
Mains connection cable size	6 mm ²
Rated maximum input power [S1max]	26 kVA
Mains fuse	35 A
Output at +40 °C, 60% TIG	500 A

Description	Value
Output at +40 °C, 100% TIG	390 A
Output at +40 °C, 60% MMA	500 A
Output at +40 °C, 100% MMA	390 A
Power factor at rated maximum current [λ]	0.9
Efficiency at rated maximum current [η]	89 %
EMC class	A
Minimum short-circuit power of supply network [S_{sc}]	4.8 MVA
Welding connection type	DIX
Recommended minimum generator power [S_{gen}]	30 kVA
Degree of protection (fully installed)	IP23S
External dimensions, length	570 mm
External dimensions, width	270 mm
External dimensions, height	370 mm
Weight without accessories	23.5 kg
Standards	IEC 60974-1, -10