FastMig M 420 Power source

OVERVIEW

The FastMig M 420 is a top performance multi-purpose power source, suitable for many applications. This unit is made for those who are looking to optimize welding productivity and quality.

Alternative:

- FastMig M320 - product code 6132320
- FastMig M420 MV - product code 6132423
- FastMig M520 - product code 6132520

TECHNICAL SPECIFICATIONS

FastMig M 420 Power source

Product code	6132420
Connection voltage 3~ 50/60 Hz	400 V -15...+20%
Fuse (delayed)	35A
Minimum generator power	20kVA (60%) 18kVA (100%)
Welding range	MMA - 15 A/20 V – 420 A/44 V MIG 20 A/12 V – 420 A/44 V U0 = 50 - 58 V
Output 60% ED	420 A
Output 100% ED	380 A
Rated power 60% ED	20 KVA
Rated power 100% ED	18 kVA
Max. welding voltage	45 V
Open circuit voltage MMA	U0 = 48 – 53 V, Uav = 50 V
Open circuit voltage MIG/MAG	U0 = 80–98V

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Technical specifications

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Idle power	25 W
Efficiency at max. current	89 %
Power factor at max. current	0.87
Welding current and voltage range, MIG	20 A/12 V – 420 A/44 V
Welding current and voltage range, MMA	15 A/20 V – 420 A/44 V
Operating temperature range	-20 ... +40 °C
External dimensions LxWxH	590 × 230 × 430 mm
Weight (no accessories)	35 kg
Degree of protection	IP23S
Standards	IEC 60974-1, IEC 60974-5, IEC 60974-10
Storage temperature range	-40 ... +60 °C

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