



ADVANCE 187 MV/PFC 100-240V



Overview

ADVANCE 187 MV/PFC 100-240V

cod. 816009

MMA and TIG inverter, electrode welding machine in direct current (DC) with scratch striking.

Use with a wide range of electrodes: rutile, basic, stainless steel, cast iron, etc.

The MV/PFC device guarantees the use of a large range of variable power supply (100-240V), operations even when power supplies are fluctuating and unstable, use of long extensions and a 30% drop in absorptions compared to other welding machines of equal power.

Features:

- compact and light
- high welding current stability in spite of mains voltage fluctuations
- arc force, hot start and anti-stick devices
- thermostatic, overvoltage, undervoltage, overcurrent protections
- complete protection with motorgenerators.

Technical data

CODE	CODE 816009	V₀	MAX NO LOAD VOLTAGE 75 V	η	EFFICIENCY 84 %
V_{1PH}	SINGLE PHASE MAINS VOLTAGE 100 - 120 / 200 - 240 V	A_{MAX}	MAX ABSORBED CURRENT 24,5 / 19,5 A	φ	POWER FACTOR (cosphi) 0,98
F	MAINS FREQUENCY 50 / 60 Hz	A_{60% MAX}	ABSORBED CURRENT AT 60% - MAX 15,5 / 12,5 A	Ø_{DC} MIN/MAX	D. USABLE ELECTRODES IN DC 1,6 - 4 mm
A_{MIN MAX}	CURRENT RANGE 10 - 110 / 10 - 150 A	P_{MAX}	MAX ABSORBED POWER 2,7 / 4,3 kW	IP	PROTECTION DEGREE IP23
%USE_{20°C}	%USE (20°C USE) 88% - 150A	P_{60%}	ABSORBED POWER AT 60% 1,7 / 2,7 kW	W_H L	DIMENSIONS 38,5 - 15 - 26,5 cm
A_{MAX 40°C}	MAX CURRENT 90 A - 25% / 140 - 25 %	P_{GEN}	MOTORGENERATOR MINIMUM POWER 4 / 6 kW	kg	WEIGHT 5,7 kg



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CURRENT AT 60% 60 / 95 A



MAINS FUSE 15 / 10 A

(*)%USE:DATUM CREATED BY TELWIN,