



## INFINITY 180



### Overview

#### INFINITY 180

cod. 816081

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.

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, motorgenerator (+/- 15%) protections.
- Complete with MMA welding accessories.



1 PH 230V



CE MARKING



EAC CERTIFICATION

### Technical data

<b>CODE</b>	CODE 816081	<b>A<sub>MAX</sub></b>	MAX ABSORBED CURRENT 30 A	<b>φ</b>	POWER FACTOR (cosphi) 0,7
<b>V<sub>1PH</sub></b>	SINGLE PHASE MAINS VOLTAGE 230 V	<b>A<sub>60%</sub></b>	ABSORBED CURRENT AT 60% - MAX 23 A	<b>Ø<sub>DC</sub> MIN/MAX</b>	D. USABLE ELECTRODES IN DC 1,6 - 4 mm
<b>F</b>	MAINS FREQUENCY 50 / 60 Hz	<b>P<sub>MAX</sub></b>	MAX ABSORBED POWER 4,5 kW	<b>IP</b>	PROTECTION DEGREE IP23
<b>A<sub>MIN/MAX</sub> DC</b>	CURRENT RANGE 20 - 160 A	<b>P<sub>60%</sub></b>	ABSORBED POWER AT 60% 3,3 kW	<b>W<sub>H</sub> L</b>	DIMENSIONS 35,5 x 14,5 x 24 cm
<b>A<sub>MAX</sub> 40°C DC</b>	MAX CURRENT DC (EN 60974-1) 160 @ 35 % A	<b>P<sub>MIN</sub> GEN</b>	MOTORGENERATOR MINIMUM POWER 7 kW	<b>kg</b>	WEIGHT 6,145 kg
<b>A<sub>60%</sub> 40°C DC</b>	DC CURRENT 120 A	<b>η</b>	EFFICIENCY 90 V	<b>BAR CODE</b>	EAN CODE 800489796756 1
<b>V<sub>0</sub> DC</b>	MAX NO LOAD VOLTAGE 60 V				



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### Included Accessories

CABLE 25 MMQ 2 M PLUG ATLAS 25 - 124465

CABLE 25 MMQ 3 M PLUG ATLAS 25 - 124466



TOLEDO 250 WORK CLAMP 250A - 712030



DALLAS 300 ELECTRODE HOLDER 300A - 712260