

Smart 120 Mini Syner

Portable inverter welding equipment for electrode welding and TIG DC

Ref.: 22300120MS

Code: FT22300120MS_v0

Date: 26-09-22



Description:

Portable equipment for DC stick electrode MMA and TIG DC welding. High performance inverter IGBT technology.

Use:

Professional use, welding of coated electrodes (MMA) of rutile, basic and stainless electrodes up to 3.25mm. TIG welding with soft priming by means of Lift Arc system, with manual gas control.

Main advantages:

- Great portability with low weight (2.5 Kg) and reduced dimensions.
- Control system with L.E.D. digital panel.
- Possibility of pulsed mode in MMA process.
- Adjustable control of priming aid (Hot Start).
- Adjustable arc force control
- VRD welder protection system.
- DC TIG welding. Lift-Arc arc starting.
- Welding connectors 10/25mm².

Basic technical characteristics

Supply voltage	1Ph 230 V ± 10% - 50/60 Hz.	
Maximum intensity	Efective ($I_{1\text{eff}}$) / Absorbed ($I_{1\text{max}}$)	15 A / 25 A.
Maximum power	Efective ($P_{1\text{eff}}$) / Absorbed ($P_{1\text{max}}$)	3,5 Kva / 5,8 Kva.
Regulatory margin	10-120 A.	
No-load voltage	65 V.	
Duty Cycle 40°C	($I_{2\text{max}}$)	120 A / 35%
	(I_2)	90 A / 60%
	(I_2)	70 A / 100%
Dimensions (width x height x length)	100 x 150 x 250mm.	
Weight	2,5 Kg.	

Includes:

Case.	
Earth clamp with cable	56612033
Electrode holder	68500000

Reference:

Recommended Accessories:

Electrodes 3.25mm	23301632PQ
GASWELD electronic helmet	5998E

TIG Recommended accesories:

Regulator argón CO ₂	36500001
Torch TIG SR17 V (4m)	19051704P
Black Tungsten Box Ø2.4	750244C