



K2 MIG 250 SYN

Empowering Precision



K2 MIG 250 SYN (LCD) MV is a portable single-phase MIG welding power source with built-in wire feeding unit. Multi-process power source for MIG/MAG, (Lift) TIG and MMA welding with clear LCD display.

Key benefits

- Inverter-based single-phase machine
- Synergic programs for easy setting of parameters
- 4-roll wire feed mechanism
- Maximum wire spool capacity of 300 mm
- Multi-voltage 110V / 230V
- 2-Year Warranty

Applications

- Light and medium metal fabrications
- Multiple workshop purposes
- Repair and maintenance applications
- Shipyard installations

Technical Specifications

CE ISO 14001:2015
GB/T 19001-2016/ISO 9001:2015
ISO 45001:2018

K2 MIG 250 SYN			MIG	TIG	MMA
Frequency	HZ	50/60			
Input Voltage	V	1~110±10%			
Input Current	A		41	29	30.5
Input Power	kVA		4.5	3.17	3.36
Welding Current	A		40-160	10-150	10-110
Welding Voltage	V		16-22.0	10.4-16.0	20.4-24.4
Duty cycle	60% 100%		160A 125A	150A 115A	110A 85A
Input Voltage	V	1~230±10%			
Input Current	A		35	27.5	39
Input Power	kVA		7.99	6.28	8.97
Welding Current	A		40-250	10-250	10-250
Welding Voltage	V		16-26.5	10.4-20.0	20.4-30.0
Duty cycle	A	60% 250A 100% 195A	250A 195A	250A 195A	250A 195A
No-load Voltage	V		99	93.5	99
Protection class		IP21S			
Wire Diameter	Ø mm	0.8-1.2			
Circuit breaker		LW31-32B 4AB-02/1			
Dimensions (mm)	L x W x H	720 x 260 x 490			
Weight	kg	27.5			
Power Factor		0.99			

The Basic Welding Expert

By offering quality, efficiency, and value for money in one range, K2 by Kemppi sets a new standard for basic welding. The K2 by Kemppi range offers a comprehensive product portfolio of power sources for MMA, MIG, TIG welding. The power sources are bundled with torches of Trafimet a Kemppi Company, Italy – the world leader in torches over the last four decades, and a part of the Kemppi Group.



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