



## Quick Specs



### Personal User Applications

- Industry plant construction
- Containers manufacture
- Machinery industry
- Shipbuilding and offshore engineering
- Automobile
- Metal shop

### Process

Process: CO<sub>2</sub> /MAG (GMAW)

Output   

Input  

AMIG series is specially designed digital MIG for steel welding. The control is based on MCU technology. All important MIG preference, like burnback, creep start and synergic is already included in this power source.

### Features and benefits

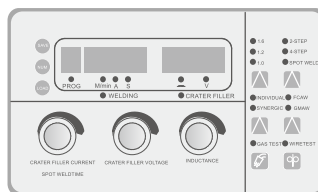
- MCU controlled technology, control precisely Perfect functions of starting arc and reducing melting ball while stopping arc
- Smart fan feature greatly expands working life of the fan and reduces fault rate
- Capable of operation with extended 50M long welding cable
- Capable for storing 10 sets of user-defined parameters
- Equipped with 485 commutation port unit, easily coupled with a cable of automatic welding
- Over heat, over current, over voltage and short circuit protections, error code display make it convenient for maintenance
- Can work with WMMS group control system



**SYNERGIC INTELLIGENT ADJUSTMENT**

### Standard equipments

- 1 Power source
- 1 Connected primary cable L=3m
- 1 Ground cable L=3m
- 1 Gas-cooled (or water-cooled) torch L=3m
- 1 Wire feeder with Europe connection



### Technical Specification

	AMIG350	AMIG500	AMIG630
Rated input voltage/frequency (Hz)	3 phase, 380V±10%, 50 /60Hz		
Rated input capacity (KVA)	12.7	23	33.6
Rated input current (A)	19.3	35	51
Duty cycle (40°C)	60%@350A	100%@500A	100%@630A
OCV (V)	70	82	95
Adjustable current range (A)	60-350	60-500	60-630
Adjustable voltage range (V)	14-40	14-50	14-50
Trigger mode	2 /4T, Spot		
Wire size (mm)	0.8, 1.0, 1.2	1.0, 1.2, 1.6	1.0, 1.2, 1.6
Job channels	10		
Protection class	IP23S		
Insulation class	H		
Dimension (mm)	655*324*546	655*324*546	708*322*584
Weight (kg /lb)	40 /88.3	50 /110.3	60 /132.4



### Aotai Electric Co. , LTD.

Address: 282 Bole Ave High-tech Development Zone,  
Jinan, Shandong 250101, P.R.China  
Tel: +86-531-81921030 Fax: +86-531-88876665  
Email: sales@aotaiwelding.com  
www.aotaiwelding.com