

# AMIG-350 /500PM

GMAW Welding Power Source 



## Quick Specs



### Personal User Applications

- Containers manufacture
- Machinery industry
- Shipbuilding and offshore engineering
- Automobile
- Metal shop
- Construction of rail vehicles

### Process

Process: CO<sub>2</sub> /MAG /PULSED MIG / STICK /TIG /GOUGING /DOUBLE PULSED MIG

Output   

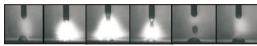
Input  

AMIG-PM series is full digital pulse MIG series with multi-process feature. Due to high end DSP and waveform control technology, it provides outstanding control of arc and weld pool and brings spatter free welding quality and high efficient productivity. It can work with digital wire feeder and digital torch to achieve precise control and be ideal for both automation /robotic welding and manual welding.

## Features and benefits

### Full-digital control accurately, excellent welding performance

- Minimizing spatter generation and excellent bead appearance



One pulse, one drop



- Embedded welding expert database, which provides intelligent welding parameters widely used for selection of various welding materials and sheet thicknesses
- Full-digital control system for wire feeder, make wire feeding more precise and stable
- Digital touch control with adjustment of current and voltage (optional)

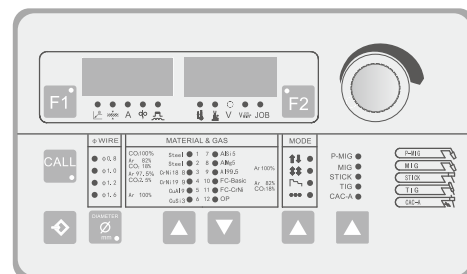
### Digital communication interface

- Advanced digital communication interfaces, convenient to be equipped with automated welding



### Standard equipments

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



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## Technical Specification

	AMIG350PM	AMIG500PM
Rated input voltage/frequency (Hz)	3 phase, 380V±10%, 50 /60Hz	
Rated input capacity (KVA)	13	24
Rated input current (A)	20	38
Duty cycle (40°C)	60%@350A	60%@500A
OCV (V)	101	106
Adjustable current range (A)	25-350	25-500
Adjustable voltage range (V)	14-40	14-50
Trigger mode	2 /4T, Spot, Special 4T /Special 2T	
Wire size (mm)	0.8, 1.0, 1.2,1.6	0.8, 1.0, 1.2, 1.6
Double pulse frequency (Hz)	0.5-5	
Job channels	100	
Protection class	IP23S	
Dimension (mm)	655*324*546	655*324*546
Weight (kg /lb)	45 /99	53 /116.3