

## Pulse MIG Welding Machine

This pulse MIG welding machine uses IGBT switches and inverter control technology. It supports single pulse and DC MIG/MAG welding, with automatic protection against over-current and over-heating.



### ADDITIONAL IMAGES



### Product Overview

#### Industrial Pulse MIG/MAG Welding Solution

This advanced pulse MIG welding machine utilizes powerful IGBT and inverter control technology alongside precise PWM modulation. It is designed for high-quality welding across various metals including carbon steel, stainless steel, and aluminum alloys, offering excellent arc characteristics and reduced heat input. With integrated synergetic control and energy-saving capabilities, it provides professional-grade results while maintaining high efficiency in industrial environments.

## Technical Specifications

TECHNICAL CHARACTERISTICS	V	Hz	P	A	V <sub>o</sub>	A <sup>MIN</sup> <sub>MAX</sub>	U <sub>OUT</sub>	%USE	Ø <sup>MIN</sup> <sub>MAX</sub>	η	Φ	IP	H	kg	H <sub>W</sub> <sub>L</sub>
	V	Hz	KVA	A	V	A	V	%	mm	%	Cosφ	IP	H	kg	mm
<b>PM-280G</b>	3~380/400V	50/60	13	20	72	20-280	28	60	0.8-1.2	85	0.9	IP21S	H	20	950L 500W 880H

Comprehensive technical datasheet for operational parameters.

### Performance Metrics

<b>280 A</b> Max Welding Current	<b>60 %</b> Duty Cycle	<b>13 KVA</b> Input Power	<b>85 %</b> Efficiency
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### Electrical Characteristics

Parameter	Value
Input Voltage	3~380/400V
Frequency	50/60 Hz
Open Circuit Voltage	72 V
Power Factor	0.9

## Capabilities

### Compatible Materials

- Carbon Steel
- Alloy Steel
- Stainless Steel
- Aluminum
- Aluminum Alloy

### Welding Modes

Pulse MIG, DC MIG, MAG, MMA, 2T/4T, Spot Welding

## Operational Features

### Safety & Protection

Over-current Protection • Over-heat Protection • Moisture-proof • Anti-corrosion • Anti-vibration • Anti-conductive dust

## Physical Specifications

### Dimensions & Weight

- Weight: 20 kg
- Dimensions: 950 x 500 x 880 mm
- Max Wire Capacity: 15 kg