



AMIG500P PLUS series is a pulse welding equipment with high efficiency, high quality and high deposition rate. It can conduct fine control to waveform and realize the breakthrough for multiple advanced MIG process through the high-speed ARM 32-bit digital chip. It also adopts new-generation high-frequency main circuit platform from AOTAI, which can precisely control arc forms and greatly improved the welding effects.

Features and Benefits

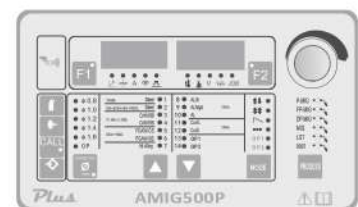
- High-frequency inverter: 60kHz frequency; real-time fine droplet energy management, concentrated and stiff arc
- Stable arc: 45m welding cable to weld carbon steel under pulse mode, stable low-current welding
- Precise current: extended applicable range for shielding gas, precise consistency between electrode extension and current
- Easy arc starting: freely switched arc starting mode, high arc starting success rate
- Platformization design: pulse, double pulse, rapid pulse, deep penetration, CV and other advanced processes modules, even customized process modules are available
- Aluminum welding experts: strong oxidation film cleaning ability, high arc directivity, even droplet transfer, beautiful welds
- Twin-core control: twin 32-bit high-speed high-precision ARM processor, nanosecond-level responding speed
- Stable wire feeding: new twin closed loops wire feeding control system + large-torque permanent magnet motor
- One-key operation: save and recall 100 sets of parameters
- Specific personnel operating: bound through IC card to achieve process controlling and quality tracing
- ECO design

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
- 1 wire feeder cable L=2m

Technical Specification

	AMIG500P PLUS
Rated input voltage /frequency (V/Hz)	3 phase, AC380V±10%, 50 /60Hz
Rated input capacity (KVA)	25
Rated input current (A)	38
Range of welding current (A)	60~500
Range of welding voltage (V)	17~39
OCV (V)	76
Duty cycle (%)	100
Full-load efficiency (%)	≥87
Wire diameter (mm)	Φ1.0, Φ1.2, Φ1.4, Φ1.6
Gas flow (L/min)	10~25
Dimension (mm)	660*320*560
Weight (kg /lb)	55 /121.3
Insulation class	H
Protection class	IP23



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