



AMIG-PS PLUS series are advanced pulse MIG welding machines that adopt a 60kHz high-speed inverter platform and ARM control core for precise droplet control, and greatly improved penetration, weld formation, and arc stability. It equips a specially designed expert database for carbon steel, stainless steel, and other materials to realize high-efficiency, low-spatter, and low-cost applications.

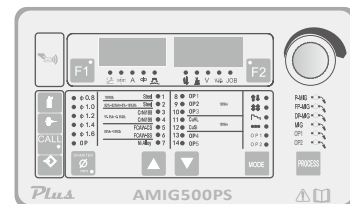
Features and Benefits

- **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
- **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



AMIG-350 /500PS PLUS

Technical Specification

	AMIG400PS PLUS	AMIG500PS PLUS
Rated input voltage /frequency (V /Hz)	3 phase, AC380V±10%, 50 /60Hz	
Rated input capacity (KVA)	18	25
Rated input current (A)	27.5	38
Range of welding current (A)	30~400	30~500
Range of welding voltage (V)	15.5~34	15.5~39
OCV (V)	76	
Duty cycle (40°C)	100%@400A	100%@500A
Full-load efficiency (%)	≥87	
Wire diameter (mm)	Φ0.8,Φ1.0,Φ1.2,Φ1.4	Φ1.0,Φ1.2,Φ1.4,Φ1.6
Gas flow (L /min)	15~20	
Dimension (mm)	660*320*560	
Weight (kg /lb)	48 /105.8	55 /121.3
Insulation class	H	
Protection class	IP23	