



YUEDA
GREEWELD
TECHNOLOGY

Inverter Arc Welding Power Sources
2023 Professional Manufacturer



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INTRODUCTION

Zhengzhou Yueda Technology Equipment Co.,Ltd which is located in Zhengzhou City, Henan province. As a high-tech enterprise with 20 years' history and specializing in the design and manufacture of welding&cutting automation equipments our company is committed to provide clients at home and abroad with one- stop automatic welding and cutting solutions. As our branch company:

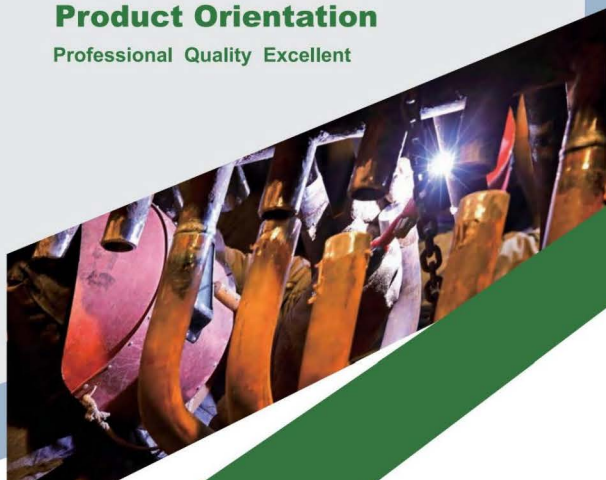
Wuxi Greenweld Welding Technology co.,Ltd is a professional enterprise specialized in the research and development,manufacturing of digital inverter arc welding power sources.

Company Orientation

Professional Manufacturer of Inverter Arc Welding Power Sources

Product Orientation

Professional Quality Excellent



Digital Inverter CO₂ GMAW Welding Power Sources

MultiMIG270/270Y (all-in-one)	02
MultiMIG350	03
Multi MIG500/630	04

Digital Pulse GMAW Welding Power Sources

MultiMIG350P	05
MultiMIG500P	06
MultiMIG500P (all-in-one)	07

Digital DC Pulse TIG Welding Power Sources

MultiTIG315/400/500	08
---------------------	----

Digital AC/DC Pulse TIG Welding Power Sources (Aluminum Welding Power Sources)

MultiTIG315/500AC/DC (all-in-one)	09
-----------------------------------	----

Digital Inverter DC MMAW Welding Power Sources

ARC315/400/500/630Pro	10
-----------------------	----

Inverter Air Plasma Cutting Machines

SkillCUT65/100	11
SkillCUT120/160/200Pro	12

Inverter Air Plasma Cutting/Gouging Machines

SkillCUT120Max	13
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Inverter DC Submerged Arc Welding Power Source

MZ-1000/1250	14
--------------	----

Smart Cooler

GW-10/20	15
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TABLE OF CONTENTS

Digital Inverter CO₂ GMAW Welding Power Sources MultiMIG270

Product Features:

- ◆ With MMAW, GMAW and stitch welding functions.
- ◆ With current and voltage preset function, accurate and intuitive.
- ◆ Excellent spot welding performance in fast wire feeding.
- ◆ Friendly operation interface, easy to control.
- ◆ Many adjustable built-in parameters such as burn-back time and slow feeding speed, etc.
- ◆ Obvious welding feature improvement by turning Inductance Control knob, making the operators enjoy outstanding welding experience.

Applications:

- ◆ Widely applied in the sheet metal industries such as automotive, motorcycle, bicycle, container, windows and doors, and other industries.

Technical Parameters:

Model	MultiMIG270	MultiMIG270Y(all-in-one)
Rated Input Voltage (V)	3~380±15% 50HZ	
Rated Input Capacity (KVA)	7.8	
Rated Input Current (A)	12	
No-load Voltage (V)	39	
Output Current adjusting Range (A)	50-250	
Output Voltage adjusting Range (A)	16.5-26.5	
Rated Duty Cycle (%)	35(40°C)	
Enclosure Protection Class	IP21S	
Insulation Class	F	
Weld wire diameter (mm)	0.8 1.0	
External Dimension(W×D×H) (mm)	500×275×445	480×250×525
Weight (Kg)	20	24

Digital Inverter CO₂ GMAW Welding Power Sources MultiMIG350

Product Features:

- ◆ With MMAW, GMAW and stitch welding functions.
- ◆ With current and voltage preset function, accurate and intuitive.
- ◆ Excellent spot welding performance in fast wire feeding.
- ◆ Friendly operation interface, easy to control.
- ◆ Many adjustable built-in parameters such as burn-back time and slow feeding speed, etc.
- ◆ Obvious welding feature improvement by turning Inductance Control knob, making the operators enjoy outstanding welding experience.
- ◆ Brand-new air duct design and dust device ensure more stable operation.

Applications:

- ◆ Widely applied in the sheet metal industries such as automotive, motorcycle, bicycle, container, windows and doors, and other industries.

Technical Parameters:

Model	MultiMIG350
Rated Input Voltage (V)	3~380±15% 50HZ
Rated Input Capacity (KVA)	13
Rated Input Current (A)	19
No-load Voltage (V)	52
Output Current adjusting Range (A)	80-350
Output Voltage adjusting Range (A)	18-31.5
Rated Duty Cycle (%)	35(40°C)
Enclosure Protection Class	IP21S
Insulation Class	F
Weld wire diameter (mm)	0.8 1.0 1.2
External Dimension(W×D×H) (mm)	550×310×560
Weight (Kg)	25.5

Excellent performance at low current
Capable of welding **galvanized plate**
Fast spot welding
Speed comparable with tapped GMAW welding



Excellent performance at low current
Capable of welding **galvanized plate**
Fast spot welding
Speed comparable with tapped GMAW welding



Digital Inverter CO₂ GMAW Welding Power Sources

MultiMIG500/630

Product Features:

- ◆ By adopting advanced power switch control technology, it can greatly improve the reliability of the whole machine.
- ◆ With synchronous current and voltage adjustment function, easy to operate.
- ◆ With current and voltage preset function, accurate and intuitive.
- ◆ By adopting digital arc control technology, it can realize small welding spatter and pretty weld formation.
- ◆ Obvious welding feature improvement by turning Inductance Control knob, making the operators enjoy outstanding welding experience.
- ◆ Brand-new air duct design and dust device design ensure more stable operation.

Applications:

- ◆ Widely applied in the mechanical industries such as steel structure, shipbuilding, bridge, vehicle, petroleum, chemical industry, and other industries.

Technical Parameters:

Model	MultiMIG500	MultiMIG630
Rated Input Voltage (V)	3~380±15% 50HZ	
Rated Input Capacity (KVA)	23.7	33.5
Rated Input Current (A)	36	51
No-load Voltage (V)	71	71
Output Current adjusting Range (A)	100-500	100-630
Output Voltage adjusting Range (V)	19-39	19-44
Rated Duty Cycle (%)	60(40°C) IP21S	
Insulation Class	F	
Weld wire diameter (mm)	1.0 1.2 1.6	
External Dimension(W×D×H) (mm)	620×330×650	
Weight (Kg)	43.5	44.5

Synchronous adjustment of current and voltage

Perfect industrial welding machine
Can work at high current for long time
Cable can be extended to 50m



Digital Pulse GMAW Welding Power Sources

MultiMIG350P

Product Features:

- ◆ All-digital control system has accurate control on welding process and can realize spatter-free welding.
- ◆ Friendly operation interface and synchronous adjustment, simple, intuitive and easy to control.
- ◆ Built-in expert database and intelligent parameter combinations can realize high quality welding.
- ◆ By adopting advanced power switch control technology, it can greatly improve the reliability of the whole machine.
- ◆ Obvious welding feature improvement by turning Inductance Control knob, making the operators enjoy outstanding welding experience.
- ◆ Brand-new air duct design and dust device design ensure more stable operation.

Weldable Material and Applications:

- ◆ Widely applied in spatter-free welding of carbon steel, stainless steel, aluminum-silicon and aluminum-magnesium alloy.
- ◆ Widely applied in the industries such as machinery, petroleum, chemical industry, shipbuilding, vehicle, power construction, and other industries.

Technical Parameters:

Model	MultiMIG350P
Rated Input Voltage (V)	3~380±15% 50HZ
Rated Input Capacity (KVA)	13
Rated Input Current (A)	19
No-load Voltage (V)	85
Output Current adjusting Range (A)	80-350
Output Voltage adjusting Range (A)	18-31.5
Rated Duty Cycle (%)	35(40°C)
Enclosure Protection Class	IP21S
Insulation Class	F
Weld wire diameter (mm)	0.8 1.0 1.2
External Dimension(W×D×H) (mm)	550×310×560
Weight (Kg)	27.5

Water-cooled/ gas-cooled model available
Perfect spatter-free welding of carbon steel,
stainless steel and aluminum
Simple function adjustment, learn in 1 minute
Super-high cost performance



Digital Pulse GMAW Welding Power Sources MultiMIG500P

Product Features:

- ◆ All-digital control system has accurate control on welding process and can realize spatter-free welding.
- ◆ Friendly operation interface and synchronous adjustment, simple, intuitive and easy to control.
- ◆ Built-in expert database and intelligent parameter combinations can realize high quality welding.
- ◆ By adopting advanced power switch control technology, it can greatly improve the reliability of the whole machine.
- ◆ Obvious welding feature improvement by turning Inductance Control knob, making the operators enjoy outstanding welding experience.
- ◆ Brand-new air duct design and dust device design ensure more stable operation.

Weldable Material and Applications:

- ◆ Widely applied in spatter-free welding of carbon steel, stainless steel, aluminum- silicon and aluminum- magnesium alloy.
- ◆ Widely applied in the industries such as machinery, petroleum, chemical industry, shipbuilding, vehicle, power construction, and other industries.

Technical Parameters:

Model	MultiMIG500P
Rated Input Voltage (V)	3~380±15% 50HZ
Rated Input Capacity (KVA)	24
Rated Input Current (A)	37
No-load Voltage (V)	66.5
Output Current adjusting Range (A)	100-500
Output Voltage adjusting Range (A)	19-39
Rated Duty Cycle (%)	60(40°C)
Enclosure Protection Class	IP21S
Insulation Class	F
Weld wire diameter (mm)	1.0 1.2 1.6
External Dimension(W×D×H) (mm)	620×330×650
Weight (Kg)	40

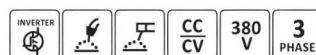
Water-cooled/ gas-cooled model available

Perfect spatter-free welding of carbon steel, stainless steel and aluminum

Simple function adjustment, learn in **1 minute**
Super-high cost performance



Water-cooled model



Digital Pulse GMAW Welding Power Sources

MultiMIG500P (all-in-one)

Product Features:

- ◆ All-digital control system has accurate control on welding process and can realize spatter-free welding.
- ◆ Friendly operation interface and synchronous adjustment, simple, intuitive and easy to control.
- ◆ Built-in expert database and intelligent parameter combinations can realize high quality welding.
- ◆ By adopting advanced power switch control technology, it can greatly improve the reliability of the whole machine.
- ◆ Obvious welding feature improvement by turning Inductance Control knob, making the operators enjoy outstanding welding experience.
- ◆ Brand-new air duct design and dust device design ensure more stable operation.

Weldable Material and Applications:

- ◆ Widely applied in spatter-free welding of carbon steel, stainless steel, aluminum- silicon and aluminum- magnesium alloy.
- ◆ Widely applied in the industries such as machinery, petroleum, chemical industry, shipbuilding, vehicle, power construction, and other industries.

Technical Parameters:

Model	MultiMIG500P(all-in-one)
Rated Input Voltage (V)	3~380±15% 50HZ
Rated Input Capacity (KVA)	24
Rated Input Current (A)	37
No-load Voltage (V)	66.5
Output Current adjusting Range (A)	100-500
Output Voltage adjusting Range (A)	19-39
Rated Duty Cycle (%)	60(40°C)
Enclosure Protection Class	IP21S
Insulation Class	F
Weld wire diameter (mm)	1.0 1.2 1.6
External Dimension(W×D×H) (mm)	1000×550×1450
Weight (Kg)	89

Perfect spatter-free welding of carbon steel, stainless steel and aluminum
Simple function adjustment, learn in **1 minute**
Super-high cost performance



Digital DC Pulse TIG Welding Power Sources

MultiTIG315/400/500

Product Features:

- ◆ Friendly, simple and intuitive operation interface.
- ◆ With all the welding parameters accurately adjustable, it can realize high quality welding.
- ◆ Excellent striking performance at low current of 10A. 100% success rate of striking.
- ◆ Brand-new air duct design and dust device design ensure more stable operation.
- ◆ All the connectors of TIG gun are quick fittings, which can ensure simple and reliable installation.

Weldable Material:

- ◆ Widely applied in the welding of all kinds of metal such as stainless steel, carbon steel, copper, titanium, and other material.

Technical Parameters:

Model	MultiTIG315	MultiTIG400	MultiTIG500
Rated Input Voltage (V)	3~380±15% 50HZ		
Rated Input Capacity (KVA)	10	13.8	19.7
Rated Input Current (A)	15.5	21	30
No-load Voltage (V)	54	64.5	64
Output Current adjusting Range (A)	10-315	10-400	10-500
Rated Duty Cycle (%)	35(40°C)		
Enclosure Protection Class	IP21S		
Insulation Class	F		
External Dimension(W×D×H) (mm)	550×310×560		
Weight (Kg)	27	29	41

Excellent striking performance at 10A
Welding cable can be extended to 100m
Reliable striking



Digital AC/DC Pulse TIG Welding Power Sources (Aluminum Welding Power Sources)

MultiTIG315/500AC/DC (all-in-one)

Product Features:

- ◆ All-digital control system has accurate control on welding process.
- ◆ With rich functions and all the welding parameters accurately adjustable, it can realize high quality welding.
- ◆ It has all the features required for AC TIG welding.
- ◆ In AC aluminum welding, it has excellent arc striking performance, stable arc and pretty weld formation.

Weldable Material and Applications:

- ◆ Widely applied in the welding of aluminum alloy, stainless steel, carbon steel, copper, titanium and other material.
- ◆ Widely applied in the industries such as aerospace, engine, petrochemical, heat exchanger, bicycle, aluminum furniture, and other industries.

Technical Parameters:

Model	MultiTIG315AC/DC	MultiTIG500AC/DC	MultiTIG500AC/DC (all-in-one)
Rated Input Voltage (V)	3~380±15% 50HZ		
Rated Input Capacity (KVA)	15	19.7	
Rated Input Current (A)	23	30	
No-load Voltage (V)	66	64	
Output Current adjusting Range (A)	10-315	10-500	
Rated Duty Cycle (%)	60(40°C)		
Enclosure Protection Class	IP21S		
Insulation Class	F		
External Dimension(W×D×H) (mm)	620×330×650	620×330×890	1000×550×1240
Weight (Kg)	43	59	104

Perfect upgrade of aluminum welding process
Square wave, sine wave and triangle wave
Hot striking function
Pulse AC and synergic pulse AC



Professional Manufacturer of Inverter Arc Welding Power Sources

Digital Inverter DC MMAW Welding Power Sources

ARC315/400/500/630Pro

Product Features:

- ◆ All-digital control system has accurate control on welding process and can realize good weld formation.
- ◆ IGBT module with the latest technology can work at high current for long time, with very high stability.
- ◆ With striking current and thrust current adjusting function, it can realize perfect welding.
- ◆ With advanced VRD anti-shock function, no-load voltage can automatically reduce to 12V when it is not welding.
- ◆ Brand-new air duct design and dust device design ensure more stable operation.
- ◆ Strong compensation to power grid voltage wave.

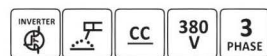
Technical Parameters:

Model	ARC315Pro	ARC400Pro	ARC500Pro	ARC630Pro	
Rated Input Voltage (V)	3~380±15% 50HZ				
Rated Input Capacity (KVA)	12.5	17	24	33.5	
Rated Input Current (A)	19	26.5	36.5	51	
No-load Voltage (V)	54/12(VRD)	69/12(VRD)	67.5/12(VRD)	67.5/12(VRD)	
Output Current adjusting Range (A)	20-315	20-400	20-500	20-630	
Rated Duty Cycle (%)	35(40°C)		60(40°C)		
Enclosure Protection Class	IP21S				
Insulation Class	F				
External Dimension(W×D×H) (mm)	550×310×560		620×330×650		
Weight (Kg)	22	25	37	39	

Weldable Material and Applications:

- ◆ Mainly applied in the welding of all kinds of basic electrode, acid electrode and stainless steel electrode.
- ◆ Widely applied in the fields such as industrial equipment installation, power construction, chemical construction, oil field, coal, bridge, construction, automotive, pressure vessel and mechanical parts, etc.

Welding cable can be extended to 100m
Reliable operation for long time
Advanced VRD anti-shock function



Inverter Air Plasma Cutting Machines

SkilliCUT65/100

Product Features:

- ◆ By adopting advanced power switch control technology, it can greatly improve the reliability of the whole machine.
- ◆ By adopting HF arc transfer technology, it has 100% success rate of striking.
- ◆ The cutting current can be preset accurately, with excellent cutting performance and smooth and pretty kerf.
- ◆ Brand-new air duct design and dust device design ensure more stable operation.

Applications:

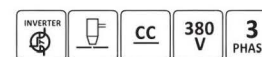
- ◆ Suitable for the industries such as vehicle, petroleum, chemical industry, shipbuilding, power construction, architectural ornament, and other industries.

Technical Parameters:

Model	SkilliCUT65	SkilliCUT100
Rated Input Voltage (V)	3~380±15% 50HZ	
Rated Input Capacity (KVA)	10.5	14.5
Rated Input Current (A)	16	22
No-load Voltage (V)	245	301
Output Current adjusting Range (A)	30-65	30-100
Rated Duty Cycle (%)	35(40°C)	
Recommend cutting thickness	12	16
Max. cutting thickness	25	30
Enclosure Protection Class	IP21S	
Insulation Class	F	
External Dimension(W×D×H) (mm)	500×275×445	550×310×560
Weight (Kg)	24	32.5



Brand-new air duct design and modular dust
device design
HF arc transfer technology
Excellent cutting performance



Professional Manufacturer of Inverter Arc Welding Power Sources

Inverter Air Plasma Cutting Machines

SkilliCUT120/160/200Pro

Product Features:

- ◆ By adopting advanced power switch control technology, it can greatly improve the reliability of the whole machine.
- ◆ By adopting non-contact arc transfer technology, it has 100% success rate of striking.
- ◆ With 100% duty cycle, it is suitable for heavy industry.
- ◆ With automatic protection function on overheat and abnormal power supply, gas pressure and water pressure.
- ◆ Cutting current creep technology can improve the service life of torch parts.

Applications:

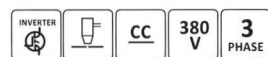
- ◆ Suitable for the industries such as vehicle, petroleum, chemical industry, shipbuilding, power construction, architectural ornament, and other industries.

Technical Parameters:

Model	SkilliCUT120Pro	SkilliCUT160Pro	SkilliCUT200Pro
Rated Input Voltage (V)	3~380±15% 50HZ		
Rated Input Capacity (KVA)	19.7	28	36.8
Rated Input Current (A)	30	42.5	56
No-load Voltage (V)	300	300	330
Output Current adjusting Range (A)	30-120	30-160	40-200
Rated Duty Cycle (%)	100(40°C)		
Recommend cutting thickness	25	35	45
Max. cutting thickness	45	55	65
Enclosure Protection Class	IP21S		
Insulation Class	F		
External Dimension(W×D×H) (mm)	620×330×620		705×400×890
Weight (Kg)	48.5	53	80.5



100% duty cycle
Specially designed for CNC matching
Manual cutting, CNC matching
and plasma gouging



Inverter Air Plasma Cutting/ Gouging Machines

SkilliCUT120Max

Product Features:

- ◆ With plasma cutting, plasma gouging functions.
- ◆ By adopting advanced power switch control technology, it can greatly improve the reliability of the whole machine.
- ◆ By adopting non-contact arc transfer technology, it has 100% success rate of striking.
- ◆ With 100% duty cycle, it is suitable for heavy industry.
- ◆ With automatic protection function on overheat and abnormal power supply, gas pressure and water pressure.
- ◆ Cutting current creep technology can improve the service life of torch parts.

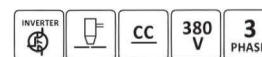
Applications:

- ◆ Suitable for the industries such as vehicle, petroleum, chemical industry, shipbuilding, power construction, architectural ornament, and other industries.

Applications:

Model	SkilliCUT120Max
Rated Input Voltage (V)	3~380±15% 50HZ
Rated Input Capacity (KVA)	24
Rated Input Current (A)	37
No-load Voltage (V)	397
Output Current adjusting Range (A)	30-120
Rated Duty Cycle (%)	100(40°C)
Recommend cutting thickness	30
Max. cutting thickness	50
Enclosure Protection Class	IP21S
Insulation Class	F
External Dimension(W×D×H) (mm)	620×330×620
Weight (Kg)	51

100% duty cycle
Automatic plasma gouging realized
No need carbon electrode to reduce overall cost ≈ 50%
No carburizing defects
High arc energy, fast speed, smooth planing
Reduce dust and noise pollution



Professional Manufacturer of Inverter Arc Welding Power Sources

Inverter DC Submerged Arc Welding Power Source

MZ-1000/1250

Product Features:

- ◆ With SAW, MMAW, Carbon arc gouging functions .
- ◆ By adopting advanced power switch control technology, it can greatly improve the reliability of the whole machine.
- ◆ With 100% duty cycle, it is suitable for heavy industry.
- ◆ All-digital control system has accurate control on welding process.

weldable Material and Applications:

- ◆ Widely used in carbon steel, stainless steel thick plate welding.
- ◆ Widely applied in the fields such as steel structure, bridge, oil field, shipbuilding and pressure vessel , etc.

Technical Parameters:

Model	MZ-1000	MZ-1250	Rated motor voltage(V)	DC 100
Rated Input Voltage (V)	3~380±15% 50HZ		Welding speed range(m/min)	0.2-1.5
Rated Input Capacity (KVA)	55	69	Wire feed speed range (m/min)	0.25-2.5
Rated Input Current (A)	83	105	Applicable wire diameter(mm)	Φ3.0-5.0
No-load Voltage (V)	79	79	Lifting height of beam(mm)	100
Output Current adjusting Range	100-1000	100-1250	Adjustable distance of welding head(mm)	100×100×70 (up and down, left and right, front and back)
Voltage range (V)	24-44	24-44	Rotation angle of arm around trolley (°)	±90
Rated Duty Cycle (%)	100		Welding torch deflection angle (°)	45
	35(40°C)		Welding head rotation angle (°)	45
Enclosure Protection Class	IP21S		Flux capacity(L)	6
Insulation Class	F		Spool capacity (Kg)	25
External Dimension(W×D×H) (mm)	705×400×935		External dimension (L x W x H mm)	1020×480×740
Weight (Kg)	115	130	Weight(kg)	54

Starting /Crater arc parameter adjustable
Heavy industry **heavy load**
SAW, MMAW, carbon arc gouging
CC/CV dual mode, wire diameter Φ1.6-5.0
double operators (MMAW)



Smart Cooler

GW-10/20

Product Features:

- ◆ Adopt AC motor, no carbon brush, lifetime maintenance free.
- ◆ All copper vortex pump body, large head, long service life.
- ◆ Perfect intelligent protection function, with low coolant level and overload protection.

Applications:

Widely applied in the fields such as welding equipment and welding torches, etc.

Model	GW-10	GW-20
Rated Input Voltage (V)	1~380±15% 50HZ	
Rated Input Capacity (KVA)	0.26	0.37
Rated max pressure (Mpa)	0.3(3Bar 44PSI)	
Rated max lift(m)	26-28	34-37
Maximum liquid storage capacity(L)	10	20
Enclosure Protection Class	IP21S	
External Dimension(W×D×H) (mm)	510×295×396	590×368×521
Weight (Kg)	17	35

Copper motor
Copper pump body
no carbon brush
intelligent protection

