

SHENZHEN WENADA WELDING EQUIPMENT CO.,LTD

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Inverter DC TIG Welders



TIG160S

Function and Features

Small, portable, energy-saving, no noise

HF arc starting, reliable performance.

Beautiful and smooth welding seam.

Little current for arc-starting with good performance. Sufficient and stable welding current.

Wide range of working voltage. Outstanding adaptability to power waving.

(Technique Parameters)

Model Parameter	TIG160S	TIG200S	TIG300S
Input power(V)	(Single phase) AC220V±15% 50/60Hz		(Three phase) AC380V±15% 50/60Hz
Rated input capacitance(KVA)	3.2	4.5	8.3
No-load voltage(V)	42	42	41
Output current(A)	10-160	10-200	20-300
Thrust(A)	--	--	--
Duty cycle(%)	60	60	60
No-load loss(W)	40	40	40
Efficient(%)	85	85	85
Power factor	0.93	0.93	0.93
Insulation	F	F	F
Protection	IP21S	IP21S	IP21S
Weight(kg)	7.5	8	18
Size(mm)	380X170X290	380X170X290	485X218X355

Inverter DC TIG/MMA Welders



Function and Features

Small measurement. Light weight. Portable and perfect multi functions welder.
HF arc-starting. Simple operation. Strong welding penetration
TIG(>250A) has clear LED digital display.
“Arc thrust” is adjustable. Easily arc-starting. Convenient and easy to use.
Easily arc start. Stable welding current. Quick dynamic response. No noise. Little spark and magnetic bias. Beautiful welding seam.
Suitable for many kinds of welding metal such as stainless steel, alloy steel, copper, etc.
(Technique Parameters)

Model Parameter	TIG160	TIG180	TIG200	TIG250
Input power(V)	(Single phase) AC220V±15% 50/60Hz			(Three phase) AC380V±15%
Rated input capacitance(KVA)	3.2	3.9	4.6	6.3
No-load voltage(V)	56	56	56	54
Output current(A)	10-160	10-180	10-200	20-250
Duty cycle(%)	60	60	60	60
No-load loss(W)	40	40	40	60

Efficient(%)	85	85	85	85
Power factor	0.93	0.93	0.93	0.93
Insulation	F	F	F	F
Protection	IP21S	IP21S	IP21S	IP21S
Weight(kg)	9	9	9	18.2
Size(mm)	380X170X290	380X170X290	380X170X290	485X218X355

Inverter Pulse MMA/TIG Welders



Function and Features

Adopting reliable controlling circuit designing. Wide range of welding current.

With DC/pulse function. HF arc-starting. Strong welding penetration.

Pulse can be adjusted continuously. Suitable for auto-welding.

Build-in protection circuits. Safe and reliable.

Suitable for welding of stainless steel, kitchen appliance, decoration etc.

(Technique Parameters)

Model	TIG180P	TIG200P
Parameter		
Input power(V)	(Single phase) AC220V $\pm$ 15%	50/60Hz
Rated input capacitance(KVA)	3.9	4.6
No-load voltage(V)	56	56
Output current(A)	5-180	5-200
Current impulse frequency(Hz)	MH200 LH2	MH50-200 LH0.5-2
Duty cycle(%)	60	60
Current falling time(S)	5	5
Post-gas(S)	6	6
Basic current(%)	10	10-90
Arc-starting	(HF)	(HF)
Efficiency(%)	85	85
Power factor	0.93	0.93
Insulation	F	F
Protection	IP21S	IP21S
Weight(kg)	9.2	13.2
Size(mm)	380X170X290	440X218X355

Inverter Pulse TIG (AC/DC) Welders



Function and Features

- DC TIG & AC TIG. Gentle arc. No noise.
- Stable current. Easy wire feeding. Beautiful welding seam.
- Build-in protection circuit. Safe and reliable performance.
- DC welding function is suitable for stainless steel, alloy steel, carbon steel, copper and other non ferrous metal welding.

Technique Parameters

Model	TIG (WSE) 200PAC/DC	TIG (WSE) 250PAC/DC	TIG (WSE) 315PAC/DC
Parameter			
Input power (V)	(Single phase) AC220V ±15%	(Three phase) AC380V ±15%	
Rated input capacitance (KVA)	4.6	6.3	8.9
No-load voltage (V)	56	40	45
Output current (A)	10-200	10-250	20-315
Duty cycle (%)	60	60	60
Post-gas (S)	2-10	2-10	2-10
Down slope (S)	0-5	0-5	0-5
Arc-starting	(HF)	(HF)	(HF)
Efficiency (%)	85	85	85
Power factor	0.93	0.93	0.93
Insulation	F	F	F
Protection	IP21S	IP21S	IP21S
Weight (kg)	32	34	34
Size (mm)	605X350X495	605X350X495	605X350X495