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CONTENS

01 ARC160 Z211 | ARC180 Z208 | ARC200 Z209
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04 ARC200 Z276 | ARC250 Z230 | ARC250 Z227
05 ARC160C Z261 | ARC200C Z247
06 ARC160DC Z263 | ARC200DC Z262
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08 ARC400 Z298 | ARC400 Z245
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11 MIG160 N219 | MIG200 N220
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13 MIG200PFC N297
14 MIG250 N239
15 MIG200 N268 | MIG250 N269 | MIG250 N270 | MIG350 N271
16 MIG250P N24901
17 MIG160 N241 | MIG180 N240
18 MIG200 N214 | MIG250 N218
19 MIG250F N253 | MIG315F N254
20 MIG350 N397 | MIG400 N396 | MIG500 N398
22 MIG350P N36701 | MIG500P N36801
24 MIG350 N387 | MIG500 N388

27 TIG200 W207
28 TIG200P W212
29 TIG200P PFC W218
30 TIG200P AC/DC E201
31 TIG200P AC/DC E20102
32 TIG315P AC/DC E202
33 TIG200P AC/DC E20101
34 TIG180S W221 | TIG180 W223 | TIG200 W227 | TIG200P W224
35 TIG300 W229
36 TIG400 W398 | TIG400P W322
38 TIG375PACDC E204
39 TIG400 W39803 | TIG400P W32203
41 TIG500P AC/DC E312

45 CUT40 L202 | CUT40 L203
46 CUT45PFC L206 | CUT45PFC L2060A
47 CUT60 L209 | CUT80 L210
48 CUT40 L207 | CUT60 L224 | CUT80 L225
49 CUT125 L312 | CUT125 L315
50 CUT100 L221
51 CUT80DN/CUT100N/CUT130N

MMA/STICK (SMAW)

Model	Code	Input V(AC)	Output range A	Rated output Current/Duty cycle	Process MMA	Stick	Lift TIG	Weldable metals
ARC160	Z211	1~230	10~160	160A/35%	●	●	●	S SS Ni Ci
ARC180	Z208	1~230	10~180	180A/35%				
ARC200	Z209	1~230	10~200	200A/35%				
ARC180 PFC	Z222	1~230	10~180	180A/35%				
ARC200 PFC	Z229	1~230	10~200	200A/25%				
ARC120	Z240	1~230	20~120	120A/30%		◒	●	
ARC140	Z237	1~230	20~140	140A/15%				
ARC160	Z238	1~230	20~160	160A/20%				
ARC180	Z243	1~230	20~180	180A/35%				
ARC200	Z244	1~230	20~200	200A/30%				
ARC200	Z276	1~230	20~200	200A/40%		○		
ARC250	Z230	1~230	20~250	250A/60%		◒		
ARC250	Z227	3~380	20~250	250A/40%		○	○	
ARC160C	Z261	1~230	20~160	160A/35%		◒		
ARC200C	Z247	1~230	20~200	200A/30%			●	
ARC160DC	Z263	1~115/230	20~120, 20~160	120A/30% 160A/30%		●		
ARC200DC	Z262	1~115/230	20~140, 20~200	140A/25% 200A/25%				
ARC200C	Z232	1~230	20~200	200A/40%		◒	◒	
ARC250C	Z231	1~230	20~250	250A/60%				
ARC400	Z298	3~380	30~380	380A/40%		○	○	
ARC400	Z245	3~380	20~400	400A/60%			●	
ARC400	Z312	3~380	20~400	400A/60%		◒		
ARC500	Z316	3~380	30~500	500A/25%			○	
ARC630	Z321	3~380	50~630	630A/60%		○		

MIG/MAG (GMAW)

Model	Code	Input V(AC)	Output range A	Rated output Current/Duty cycle	MIG/MAG	Process Stick	Lift TIG	Synergic	Digital	Weldable metals
MIG160	N219	1~230	30~160	160A/35%	●			○		S SS Ni Ci CB
MIG200	N220	1~230	30~200	200A/35%				●		
MIG160	N227	1~230	30~160	160A/35%				○		
MIG200	N229	1~230	30~200	200A/35%						
MIG200PFC	N297	1~230	30~200	200A/30%				○		
MIG250	N239	1~230	30~250	250A/30%		●	●	○		
MIG200	N268	1~230	30~200	200A/35%						
MIG250	N269	1~230	30~250	220A/35%			○		●	
MIG250	N270	3~415	30~250	250A/40%						
MIG350	N271	3~415	50~350	350A/20%		●	◒	○		
MIG250P	N24901	1~230	30~250	250A/20%				●		
MIG160	N241	1~230	30~160	140A/60%				○		
MIG180	N240	1~230	30~180	160A/60%						
MIG200	N214	1~230	50~200	200A/30%						
MIG250	N218	3~380	50~250	250A/40%			○			
MIG250F	N253	3~380	50~250	250A/50%						
MIG350F	N254	3~380	50~315	315A/60%						
MIG350	N397	3~380	30~350	350A/50%			○	●		
MIG400	N396	3~380	30~400	400A/60%						
MIG500	N398	3~380	30~500	500A/60%						
MIG500P	N36801	3~380	30~350	500A/60%		○	●	○	●	
MIG350P	N36701	3~380	30~500	350A/60%						
MIG350	N387	3~380	30~350	350A/60%			○			
MIG500	N388	3~380	30~500	500A/60%						

Icons: ● Standard ○ Unavailable ◒ Optional | S Steel Al Aluminum Ti Titanium | SS Stainless steel Ci Cast iron Mg Magnesium alloys | Ni Nickel alloys CB Copper/Brass EC All electrically conductive

TIG (GTAW)

Model	Code	Input V(AC)	Output range A	Rated output Current/Duty cycle	Process HF TIG	Pulse TIG	AC TIG	Digital	Weldable metals
TIG200	W207	1~230	10~200	200A/35%	●	○		◒	S CB SS Ti Ni
TIG200P	W212	1~230	10~200	200A/35%		●	○		
TIG200P PFC	W218	1~230 (95~265)	10~160	160A/35%		○			
			10~200	200A/30%					
TIG200P AC/DC	E201	1~230	5~200	200A/25%					Al Mg CB S SS Ni Ti
TIG200P AC/DC	E20102	1~380	6~315	200A/25%		●			
TIG315P AC/DC	E202	1~380	6~315	315A/25%					
TIG200P AC/DC	E20101	1~220	50~200	200A/30%					
TIG180S	W221	1~230	10~180	180A/30%					S CB SS Ti Ni
TIG180	W223	1~230	10~180	180A/30%	●			●	
TIG200	W227	1~230	10~200	200A/30%		○			
TIG200P	W224	1~230	10~200	200A/30%					
TIG300	W229	3~380	10~250	250A/60%					
TIG400	W398	3~380	10~400	400A/50%					
TIG400P	W322	3~380	10~400	400A/50%		●	○		
TIG375P AC/DC	E204	3~380	6~315	315A/60%		●			Al Mg CB S SS Ni Ti
TIG400	W39803	3~380	5~400	400A/60%		○			S CB SS Ti Ni
TIG400P	W32203	3~380	5~400	400A/60%		●	○		
TIG500P AC/DC	E312	3~380	10~510	500A/60%		●			Al Mg CB S SS Ni Ti

Plasma Cutting

Model	Code	Input V(AC)	Output range A	Rated output Current/Duty cycle	HF	Non HF (Pneumatic)	Non HF(High voltage pulse)	Pilot arc	CNC interface	Cuttable metals
CUT40	L202	1~230	20~40	40A/35%	●	○			◒	S SS Ni Al Ci CB Ti Mg EC
CUT40	L203	1~230	20~40	40A/35%	○	●		●		
CUT45PFC	L206	1~230 (160~265)	10~45	45A/35%					●	
CUT45PFC	L2060A	1~230 (85~265)	10~45	45A/35%	◒		○			
CUT60	L209	3~380	20~60	60A/40%						
CUT80	L210	3~380	20~80	80A/40%						
CUT40	L207	1~230	20~40	40A/40%	●	○	3~380	○	○	
CUT60	L224	3~380	20~60	60A/40%		◒				
CUT80	L225	3~380	20~80	80A/40%				●	●	
CUT100	L201	3~380	20~100	100A/60%		○	●			
CUT125	L312	3~380	20~100	100A/60%	○	●				
CUT125	L315	3~380	20~100	100A/60%	◒					
CUT100	L221	3~380	20~100	100A/60%						
CUT80DN	L233	1~220/380	20~45(230) 20~60(380)	45A/30% 230 60A/30% 380	●	○	○	●	○	
CUT100N	L232	3~380	20~80	80A/30%	●	○	○	●	○	
CUT130N	L231	3~380	20~100	100A/30%	●	○	○	●	○	









JASIC’s Story

JASIC is a forerunner of IGBT inverter welding technology, and its products were used in some of the most ambitious projects in modern history such as the Beijing Bird's Nest Stadium.
Founded in 2005, the company has grown into an international business with a $200 million annual turnover* and over 1000 staffs worldwide. With 3 R&D centres, JASIC has more than 130 R&D personnel and industry-leading test laboratories certified by TÜV Rheinland and CSA.

Exporting to over 80 countries and regions, JASIC has an annual production capacity of 1 million machines.
JASIC is driven by its passion for the world’s welding needs, and strives to deliver reliable and ecological solutions.

** Data of 2021 financial year*



2005

09.2005
Founding of JASIC

2006

09.2006
Expanded to Australia

2007

04.2007 Expanded to Russia
Mass adaptation of IGBT technology in JASIC welding machines

06.2007JASIC welding machines were used in the construction of Beijing Bird Nest Stadium

12.2007 JASIC welding machines China Pavilion, World Expo 2010.

2009

10.2009
Obtained CSA Certificate

2010

06.2010
Expanded to Thailand

2011

01.2011
Expanded to Vietnam

03.2011 Company Listed on Shenzhen Stock Exchange

2012

02.2012 Expanded to the UK
11.2012 JASIC Technologies America, Inc. established

03.2012 New company head quarter established

03.2012 Integral test laboratory established

2017

12.2017 Obtained TÜV Rheinland Witness Testing Laboratory Appointment Certificate

2018

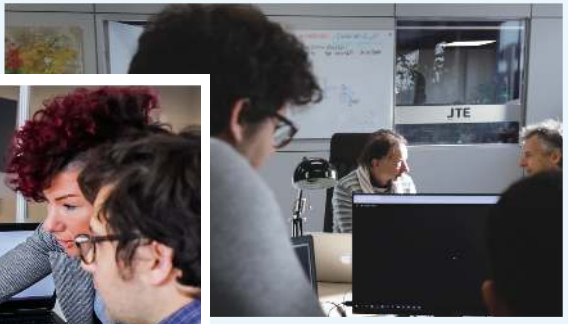
04.2018 JASIC India founded
05.2018 JASIC Tech Europe estabilshed

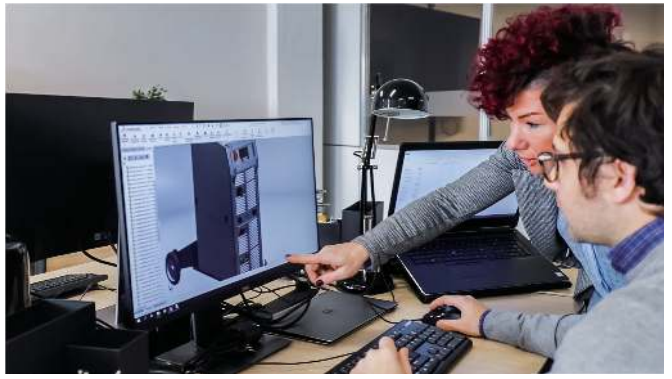
2021

Reached $200 million milestone in annual turnover







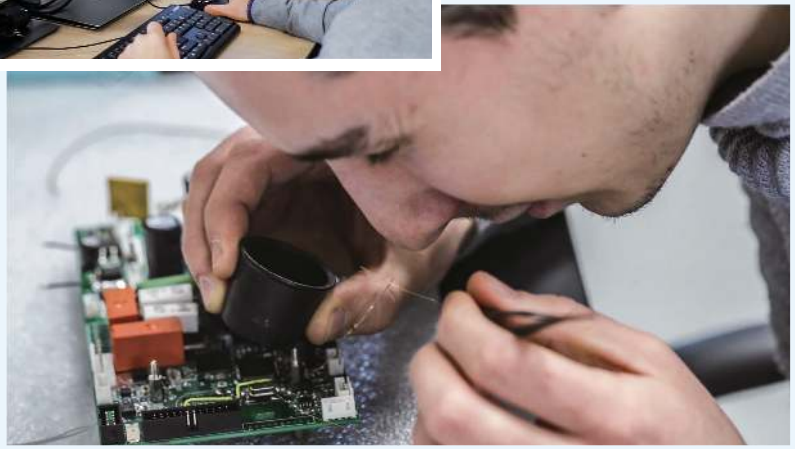






R&D Strength

As an innovation-driven company, we spend 5% of our annual revenue into research and development. So far we've set up 3 R&D centers. With currently 250+ patents and 150+ R&D staffs, we are determined to have R&D and innovation taking the center stage in our company's growth.





Professional R&D staffs



Technical platforms



Industry-leading test labs



Industry-leading Test Laboratories

A crucial part of JASIC Quality, our test laboratories are appointed and authorized by both TÜV Rheinland and CSA Group. A total of 200+ rigorous tests are available, assuring product compliance with the most stringent quality and safety standards.











ISO 9001:2015 ISO 14001:2015 ISO 45001:2018



TÜVRheinland

Certificate of Appointment

No. UA 50567748-0001

The Applicant

SHENZHEN JASIC TECHNOLOGY CO.,LTD.
NO.3, QINGLAN 1ST ROAD,
PINGSHAN DISTRICT,
SHENZHEN
Guangdong
P.R. China

has been authorized to carry out testing by the order and under supervision of TÜV Rheinland

EN IEC 60974-1 (MACH), BS EN IEC 60974-1 (MACH) (restricted to specific clauses. Refer to Audit report)

An audit of the laboratory was conducted according to ISO/IEC 17025 by a TÜV Rheinland auditor.
Audit Report No. 50112538-004
This certificate is valid until the next scheduled audit or up to 18 months/UA validity expired, at the discretion of TÜV Rheinland.

Date of issue: 30.12.2022

Certification Body

TÜV Rheinland (China) Ltd.
Room 301, 3F and Room 1305, 13F, Building 4, No. 15, Rongshun South Road Beijing Economic-Technological Development Area, Beijing (Yizhuang group in high-end Beijing Pilot Free Trade Zone),P.R. China.
Tel: +86 10 8524 2222
Fax: +86 10 8524 2200 http://www.chn.tuv.com

Yongqiang Li

JASIC Quality

The concept of "JASIC Quality" goes well beyond product quality control. It's about implementing sustainability strategies in all aspects of JASIC's operation.

As an ISO-certified company, JASIC strives to develop reliable, energy-efficient,and eco-friendly solutions to the global welding market.

JASIC Quality ensures reliability and performance certified by the most prodigious quality management institutions in the world.



CSA GROUP

Certificate of Qualification

THIS IS TO CERTIFY THAT

Shenzhen Jasic Technology Co., Ltd.
No. 3 Qinglan 1st Rd, Pingshan District, Shenzhen, 518118, China

has been qualified by CSA Group Testing & Certification Inc., as a Testing Facility for

Witnessed Manufacturer's Testing for Certification Program

Based on ISO/IEC 17025:2017

ISSUE DATE: January 12, 2023
EXPIRY DATE: January 11, 2024

Bruce Deng
Operations Director

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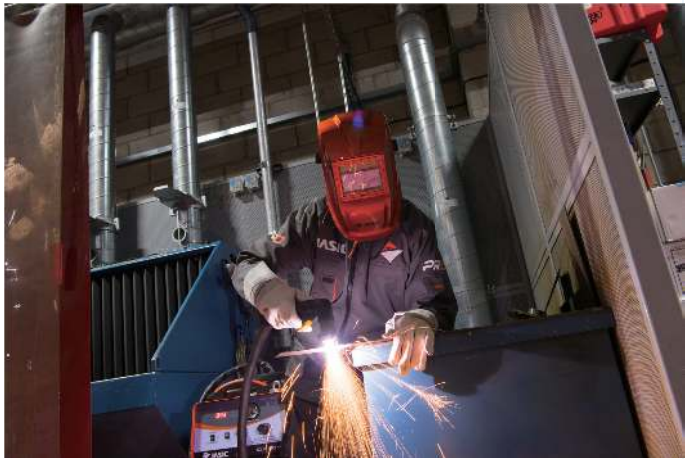
Wide Applications

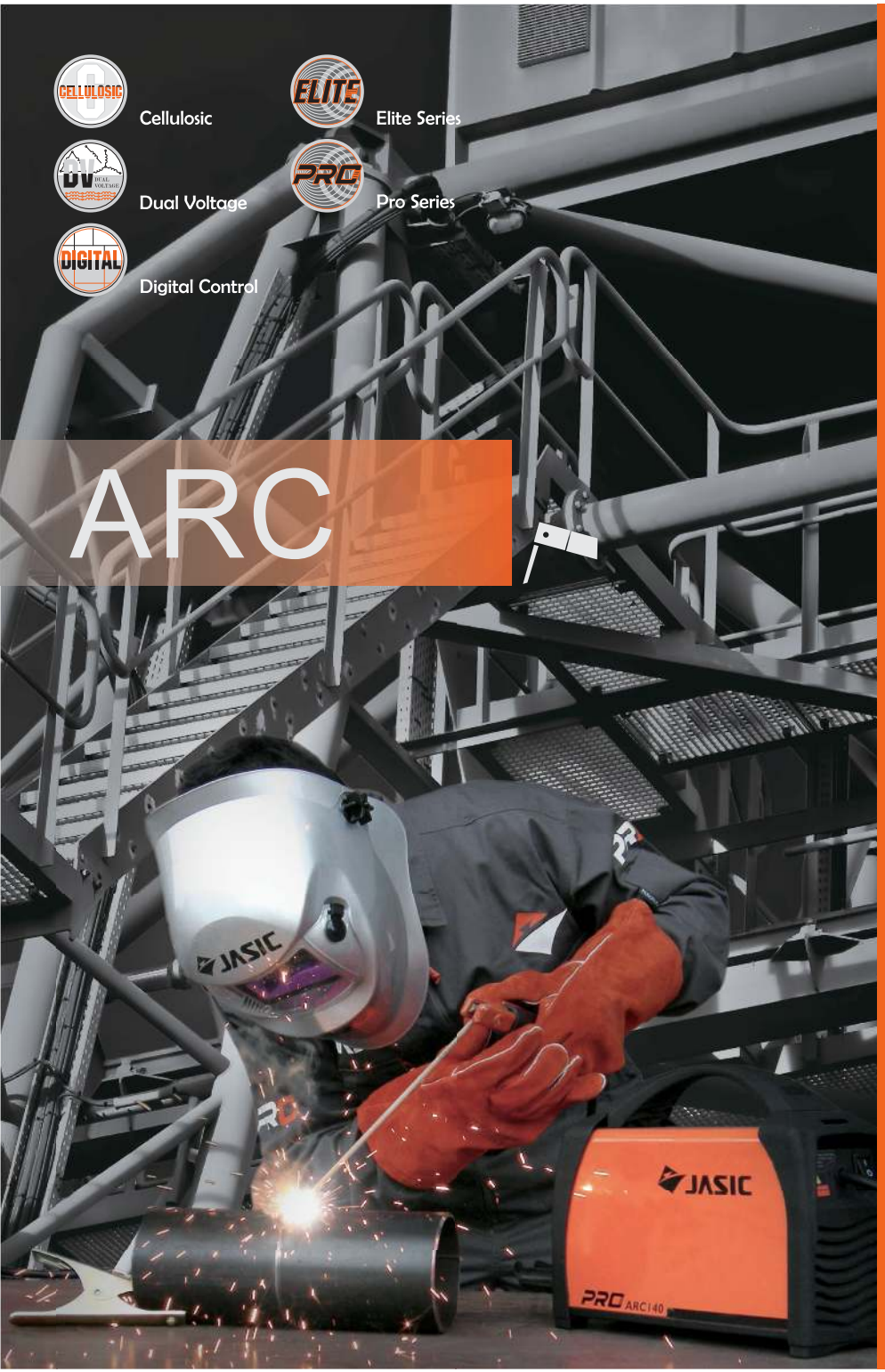
Our products are widely used
in the fabrication of pressure vessels,
bridges, building structures, railway
coaches, and other general applications.











Direct Current Output

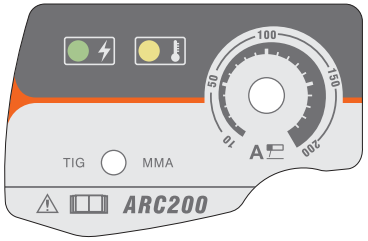
50/60 Hz Input Power Source

Forced Air Cooling

Energy Saving And Environment Friendly

Features

- IGBT inverter
- Integral 1-PCB structure, compact and portable with light weight
- Hot start makes the arc ignition easier
- Anti-stick and arc force: Provide excellent experience of welding
- Widely used in acid and basic electrode welding



Functions

Standard

- MMA
- Lift TIG
- Built-in anti-stick
- Built-in hot start
- Built-in arc force
- O.H. indicator

Optional

- Adjustable arc force
- VRD
  VRD ON/OFF switch
  VRD indicator
- Digital display meter

Accessories

Standard

- 2pcs quick plugs

Optional

- 300A earth clamp +16mm^2×3m cable +quick plug
- 200A electrode holder+16mm^2×3m cable+quick plug
- Kit/suit case
- Helmet
- Steel brush

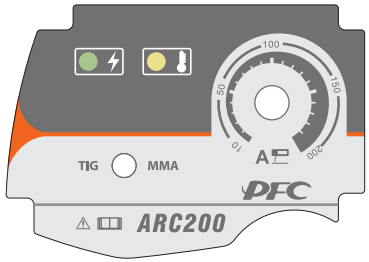


	ARC160 Z211	ARC180 Z208	ARC200 Z209
Input power source		1~AC230V±15% 50/60Hz	
Rated input current (A)	31	35	41
Rated input power capacity (kVA)	7.1	8	9.4
Output current range (A)	10~160	10~180	10~200
No-load voltage (V)	63	63	63
Rated duty cycle (%) @40°C	35	35	35
Efficiency (%)	85	85	85
Power factor (cosφ)	0.7	0.7	0.7
Protection class	IP21	IP21	IP21
Insulation class	F	F	F
Dimensions (mm)	313×130×206	313×130×206	351×130×206
Weight (Kg)	4.7	4.7	5.2

Direct Current Output | 50/60 Hz Input Power Source | Forced Air Cooling | Energy Saving And Environment Friendly

Features

- IGBT inverter
- PFC technology: Allow an input voltage range from AC 96V to 280V. Power factor more than 0.99 and energy saving
- Integral 1-PCB structure, compact and portable with light weight
- Hot start makes the arc ignition easier
- Anti-stick and arc force: provide excellent experience of welding
- Less spatter, stable arc and good shaping
- Widely used in acid and basic electrode welding



Functions

Standard
- MMA
- Lift-arc TIG
- Built-in anti-stick
- Built-in hot start
- Built-in arc force
- O.H. indicator

Optional
- Adjustable arc force
- VRD
  VRD ON/OFF switch
  VRD indicator
- Digital display meter

Accessories

Standard
- 2pcs quick plugs

Optional
- 300A earth clamp +16mm²×3m cable +quick plug
- 200A electrode holder+16mm²×3m cable+quick plug
- Kit/suit case
- Helmet
- Steel brush



	ARC180 Z222	ARC200 Z229
Input power source	1~AC96-280V 50/60Hz	
Rated input current (A)	25	29
Rated input power capacity (kVA)	5.8	6.6
Output current range (A) (Input AC230V)	10~180	10~200
No-load voltage (V)	68	68
Rated duty cycle (%) @40°C	35	25
Efficiency (%)	85	85
Power factor (cosφ)	0.99	0.99
Protection class	IP21	IP21
Insulation class	F	F
Dimensions (mm)	365×135×277	365×135×277
Weight (Kg)	6.5	6.5

Direct Current Output | 50/60 Hz Input Power Source | Forced Air Cooling | Energy Saving And Environment Friendly



Features

- IGBT inverter
- More user-friendly, more cost-effective
- Integral 1-PCB structure, extremely compact and portable with light weight
- Suitable for 6013, 7015 and 7018 electrode welding





Functions

Standard
- Built-in hot start
- Built-in arc force
- O.H. indicator

Optional
- Digital meter
- Lift-arc TIG
- VRD
- Anti-stick

Accessories

Standard
- 2pcs quick plugs

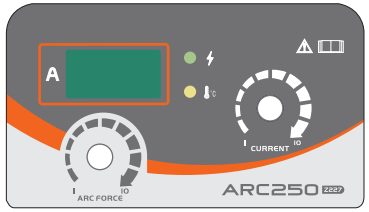
Optional
- 300A earth clamp +16mm²×3m cable +quick plug
- 200A electrode holder+16mm²×3m cable+quick plug
- Kit/suit case
- Helmet
- Steel brush

	ARC120 Z240	ARC140 Z237	ARC160 Z238	ARC180 Z243	ARC200 Z244
Input power source	1~AC230V±15% 50/60Hz				
Rated input current (A)	23	28	34	36	41
Rated input power capacity (kVA)	5.4	6.5	7.9	8.2	9.4
Output current range (A)	20~120	20~140	20~160	20~180	20~200
No-load voltage (V)	63	56	56	60	62
Rated duty cycle (%) @40°C	30	15	20	35	30
Efficiency (%)	85	85	85	85	85
Power factor (cosφ)	0.7	0.7	0.7	0.7	0.7
Protection class	IP21S	IP21S	IP21S	IP21S	IP21S
Insulation class	F	F	F	F	F
Dimensions (mm)	282×113×200	28×211×3200	282×113×200	380×135×300	380×135×300
Weight (Kg)	3.5	4	4.1	6.1	6.1

Direct Current Output | 50/60 Hz Input Power Source | Forced Air Cooling | Energy Saving And Environment Friendly

Features

- IGBT inverter
- Portable with light weight
- Energy saving and high efficiency
- Stable arc, easy to control molten pool
- Adjustable arc force guarantees good performance in long cable welding
- Applicable to aerial work, field work, indoor and outdoor decoration, etc.



Functions

Standard
- MMA
- Built-in hot start
- Arc-force
- O.H. indicator
- Digital display meter

Optional
- Lift-arc TIG (Z230)
- VRD (Z230)

Accessories

Standard
- 2pcs quick plugs

Optional
- 300A earth clamp +16mm²×3m cable +quick plug
- 300A electrode holder+25mm²×3m cable+quick plug

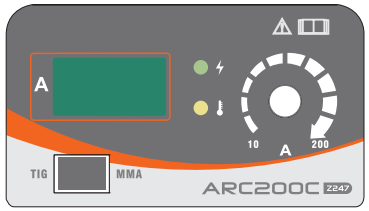


	ARC200 Z276	ARC250 Z230	ARC250 Z227
Input power source	1~AC230V±15% 50/60Hz		3~AC380V±15% 50/60Hz
Rated input current (A)	40	53	13.4
Rated input power capacity (kVA)	9.4	12.3	9.5
Output current range (A)	20~200	20~250	20~250
Arc-force range (A)	0~100	0~100	0~100
No-load voltage (V)	70	67	60
Rated duty cycle (%) @40°C	40	60	40
Efficiency (%)	85	85	85
Power factor (cosφ)	0.7	0.7	0.9
Protection class	IP21S	IP21S	IP21S
Insulation class	F	F	F
Dimensions (mm)	430×168×312	430×168×312	430×168×312
Weight (Kg)	8.0	9.6	9.6

Direct Current Output | 50/60 Hz Input Power Source | Forced Air Cooling | Energy Saving And Environment Friendly

Features

- Professional quality IGBT inverter
- Excellent cellulosic performance
- Single PCB, compact and portable
- Energy saving with excellent dynamic characteristics and high efficiency
- Easy arc starting, minimal spatter
- Arc force and high O.C.V is available for long cable welding



Functions

Standard
- Lift-arc TIG
- Built-in hot start
- Built-in arc force
- O.H. indicator
- Digital display meter
- Built-in anti-stick

Optional
- VRD

Accessories

Standard
- 2pcs quick plugs

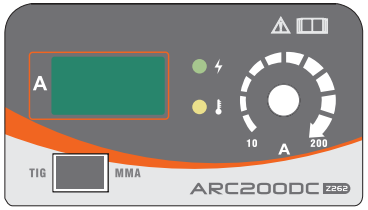
Optional
- 300A earth clamp +25mm²×3m cable +quick plug
- 300A electrode holder+25mm²×3m cable+quick plug



	ARC160C Z261	ARC200C Z247
Input power source	1~AC230V±15% 50/60Hz	1~AC230V±15% 50/60Hz
Rated input current(A)	32.6	42.2
Rated input power capacity(kVA)	7.5	9.7
Output current range(A)	20~160	20~200
Arc force range(A)	90	90
No-load voltage(V)	80	78
Rated duty cycle(%) @40°C	35	30
Efficiency(%)	85	85
Power factor(cosφ)	0.7	0.7
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions(mm)	381×138×286	381×138×286
Weight(Kg)	6.1	6.1

Features

- Dual voltage 115/230V
- Cellulosic electrode E6011 capability
- Professional quality IGBT inverter
- Anti-stick, arc force, Lift TIG
- Single PCB, compact size, lightweight
- Easy arc starting, minimal spatter
- Auto-compensation for voltage fluctuation



Functions

Standard
- MMA/Lift TIG
- Built-in anti-stick
- Built-in arc force
- Built-in hot start
- Display meter

Optional
- VRD

Accessories

Standard
- 2pcs quick plugs

Optional
- 300A earth clamp +25mm²×3m cable +quick plug
- 300A electrode holder+25mm²×3m cable+quick plug



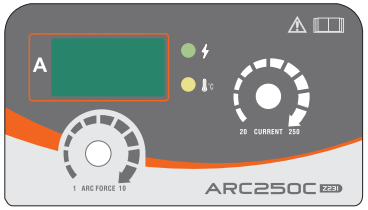
DUAL VOLTAGE

CELLULOSIC

	ARC160DC Z263		ARC200DC Z262	
Input power source	1~AC110V±15% 50/60Hz	1~AC220V±15% 50/60Hz	1~AC110V±15% 50/60Hz	1~AC220V±15% 50/60Hz
Rated input current (A)	45.5	32.3	54.7	42.7
Rated input power capacity (kVA)	5	7.5	6	9.7
Output current range (A)	20~120	20~160	20~140	20~200
No-load voltage (V)	80	80	80	80
Rated duty cycle (%) @40°C	30	30	25	25
Power factor (cosφ)	0.7	0.7	0.7	0.7
Efficiency (%)	85	85	85	85
Protection class	IP21S	IP21S	IP21S	IP21S
Insulation class	F	F	F	F
Dimensions (mm)	381×138×286	381×138×286	381×138×286	381×138×286
Weight (Kg)	5.8	5.8	6.8	6.8

Features

- IGBT inverter
- Available for cellulosic electrode 6011 welding
- Portable with light weight
- Energy saving with excellent dynamic characteristics and high efficiency
- Stable arc, easy to control molten pool
- Adjustable arc force guarantees good performance in long cable welding
- Applicable to aerial work, field work, indoor and outdoor decoration, etc.



Functions

Standard
- Built-in hot start
- Arc force
- O.H. indicator
- Digital display meter

Optional
- Lift-arc TIG
- VRD
- VRD indicator

Accessories

Standard
- 2pcs quick plugs

Optional
- 300A earth clamp +16mm²×3m cable +quick plug
- 200A electrode holder+16mm²×3m cable+quick plug
- 300A earth clamp +25mm²×3m cable +quick plug
- 300A electrode holder+25mm²×3m cable+quick plug

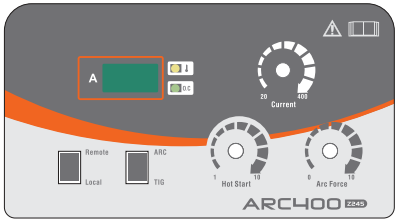
CELLULOSIC



	ARC200C Z232	ARC250C Z231
Input power source	1~AC230V±15% 50/60Hz	1~AC230V±15% 50/60Hz
Rated input current(A)	41	57
Rated input power capacity(kVA)	9.4	12.3
Output current range(A)	20~200	20~250
Arc force range(A)	0~100	0~100
No-load voltage(V)	78	78
Rated duty cycle(%) @40°C	40	60
Efficiency(%)	85	85
Power factor(cosφ)	0.7	0.7
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions(mm)	410×152×235	410×152×235
Weight(Kg)	9	9

Features

- Easy-to-use operation panel
- Optional cable remote control guarantees convenient remote operation
- Excellent welding quality, optimum arc dynamic characteristics
- Suitable for all acid, basic, stainless, low hydrogen electrodes



Functions

Standard
- Hot start
- Arc force
- Lift TIG (Z245)
- O.C. & O.H. protection

Optional
- Cable remote control
- Generator compatibility (Z298)

Accessories

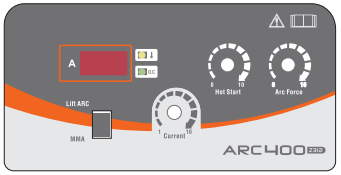
Optional
- 500A earth clamp +50mm²×3m cable +quick plug
- 500A electrode holder+50mm²×3m cable+quick plug
- Cable remote control box

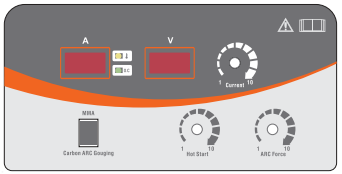


	ARC400 Z298	ARC400 Z245
Input power source	3~AC380V±15% 50/60Hz	3~AC380V±15% 50/60Hz
Rated input current (A)	25	28
Rated input power capacity (kVA)	16	18.3
Power factor (cosφ)	0.93	0.93
Output current range (A)	30~380	20~400
Arc force range (A)	0~140	0~240
Hot start range (A)	0~100	0~150
Rated no-load voltage(V)	63	68
Rated duty cycle (%) @40°C	40	60
Efficiency	85	85
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	618×330×441	592×297×523
Weight (Kg)	19	32

Features

- IGBT inverter technology
- Soft switching technology (ARC630)
- Easy-to-use operation panel
- Optional cable remote control guarantees convenient remote operation
- Excellent welding quality, optimum arc dynamic characteristics
- Suitable for all acid, basic, stainless, low hydrogen electrodes





Functions

Standard
- Hot start
- Arc force/Arc gouging (ARC630)
- Lift TIG (ARC400)
- O.C. & O.H. protection

Optional
- VRD
- Cable remote control
- Cellulosic electrode capability (Z312/Z316)
- Generator compatibility (Z312/Z316)

Accessories

Standard
- 2 pcs quick plugs (ARC400/ARC500)
- 2 pcs lugs and 1pcs 500A earth clamp (ARC630)

Optional
- 500A earth clamp +50mm²×3m cable +quick plug
- 500A electrode holder+50mm²×3m cable+quick plug
- Cable remote control box



	ARC400 Z312	ARC500 Z316	ARC630 Z321
Input power source	3~AC380V±15% 50/60Hz		
Rated input current (A)	28	40	50.6
Rated input power capacity (kVA)	18.2	29.4	35.5
Power factor (cosφ)	0.93	0.8	0.91
Output current range (A)	20~400	30~500	50~630
Arc-force range (A)	0~100	0~170	0~220
Hot start range (A)	0~200	0~150	0~220
Rated no-load voltage(V)	65	77	85
Rated duty cycle (%) @40°C	60	25	60
Efficiency	85	85	85
Protection class	IP21S	IP21S	IP21S
Insulation class	F	F	F
Dimensions (mm)	618×330×441	618×330×441	661×340×625
Weight (Kg)	19	23	55



Direct Current Output | 50/60 Hz Input Power Source | Forced Air Cooling | Energy Saving And Environment Friendly

Features

- IGBT inverter
- Compact and portable with 5kg size wire spool accepted
- Convertible polarity for gas metal arc welding and flux cored arc welding
- Intuitive interface for easy operation
- High welding efficiency



Functions

Standard
- MIG/MAG
- MMA
- Gas/gasless FCAW
- Built-in hot start
- Built-in arc force
- Burn back adjustment
- O.H. indicator
- Inching

Optional
- VRD
- Spool gun
- Wire feeder
- Dual voltage

Accessories

Standard
- 3m MB-15 torch
- 300A earth clamp +16mm^2×3m cable +quick plug
- 2.5m gas hose 511

Optional
- Kit/suit case

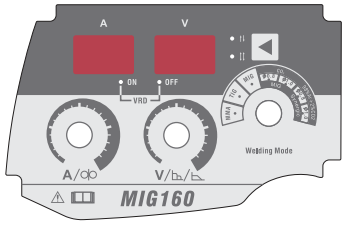


	MIG160 N219	MIG200 N220
Input power source	1~AC230V±15% 50/60Hz	1~AC230V±15% 50/60Hz
Rated input current (A)	31	41
Rated input power capacity (kVA)	7.1	9.4
MMA output current range (A)	10~160	10~200
MIG output current range (A)	30~160	30~200
Wire speed (m/min)	1.5~14	1.5~16
No-load voltage (V)	53	53
Rated duty cycle (%) @40°C	35	35
Wire diameter (mm)	0.6/0.8/0.9	0.6/0.8/0.9/1.0
Efficiency (%)	85	85
Power factor (cosφ)	0.7	0.7
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	485×185×370	485×185×370
Weight (Kg)	12.5	12.5

Features

- IGBT inverter
- MCU digital control
- Easies operation for users with digital interface and synergic control
- Compact and portable with 5kg size wire spool accepted
- Convertible polarity for gas metal arc welding and flux cored arc welding
- Automatic saving of welding parameters





Functions

Standard

- MIG/MAG
- MMA
- Lift-arc TIG
- Gas/gasless FCAW
- Built-in hot start
- Arc force
- Synergic
- O.H. indicator
- Digital display meters
- VRD

Optional

- Spool gun
- Wire feeder
- Dual voltage
- Customized synergic

	MIG160 N227	MIG200 N229
Input power source	1~AC230V±15% 50/60Hz	1~AC230V±15% 50/60Hz
Rated input current (A)	31	41
Rated input power capacity (kVA)	7.1	9.4
MMA output current range (A)	10~160	10~200
MIG output current range (A)	30~160	30~200
Wire speed (m/min)	1.5~14	1.5~16
No-load voltage (V)	53	53
Rated duty cycle (%) @40°C	35	35
Wire diameter (mm)	0.6/0.8/0.9	0.6/0.8/0.9/1.0
Efficiency (%)	85	85
Power factor (cosφ)	0.7	0.7
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	485×185×370	485×185×370
Weight (Kg)	12.5	12.5

Accessories

Standard

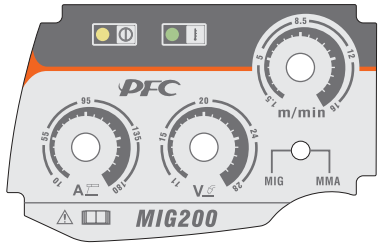
- 3m MB-15 torch
- 300A earth clamp +16mm²×3m cable +quick plug
- 2.5m gas hose

Optional

- Kit/suit case

Features

- PFC technology: AC95V-265V input voltage
- Energy-saving with power factor >0.99
- Compact and portable with 5kg size wire spool accepted
- Convertible polarity for gas metal arc welding and flux cored arc welding
- Intuitive interface for easy operation
- High welding efficiency



Functions

Standard

- MIG/MAG/MMA
- Gas/gasless FCAW
- Built-in hot start
- Built-in arc force
- Burn back adjustment
- O.H. indicator
- Inching

Optional

- VRD
- Spool gun
- Wire feeder

Accessories

Standard

- 3m MB-15 torch
- 300A earth clamp +16mm²×3m cable +quick plug 2.5m gas hose

Optional

- Kit/suit case



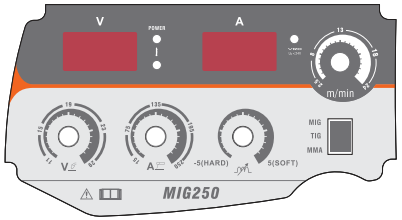


	MIG200PFC N297	
Input power source	1~AC230V(95-265V) 50/60Hz	
	AC115V	AC230V
Rated input current (A)	36.7	25.1
Rated input power capacity (kVA)	4.2	5.8
MIG output current range (A)	30~140	30~200
MMA output current range (A)	10~140	10~180
Wire speed (m/min)	1.5~16	1.5~16
No-load voltage (V)	53	53
Rated duty cycle (%) @40°C	MMA:35 MIG:30	35
Wire diameter (mm)	0.6/0.8	0.6/0.8/0.9/1.0
Efficiency (%)	85	85
Power factor (cosφ)	0.99	0.99
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	485×185×370	485×185×370
Weight (Kg)	13.5	13.5

Direct Current Output | 50/60 Hz Input Power Source | Forced Air Cooling | Energy Saving And Environment Friendly

Features

- IGBT inverter
- Compact design with 15kg size wire spool accepted
- Adjustable inductance for controlling arc to optimize welding performace
- Digital display for current and voltage
- Convertible polarity for gas metal arc welding and flux cored arc welding
- High welding efficiency



Functions

Standard

- MIG/MAG/MMA
- Lift-arc TIG
- Gas/gasless FCAW
- Built-in hot start
- Inching
- Slow-feeding
- Current and voltage meters
- Burn back adjustment
- VRD

Optional

- Spool gun
- Wire feeder
- 4-roller wire feeder

Accessories

Standard

- 3m MB-15 torch
- 300A earth clamp +25mm²×3m cable +quick plug
- 2.5m gas hose



	MIG250 N239
Input power source	1~AC230V±15% 50/60Hz
Rated Input current (A)	55
Rated input power capacity (kVA)	12.6
MMA output current range (A)	15~250
MIG output current range (A)	30~250
TIG output current range (A)	15~250
Wire speed (m/min)	1.5~16
No-load voltage (V)	MIG: 54 TIG/MMA: 9.6
Rated duty cycle (%) @40°C	30
Wire diameter (mm)	0.6/0.8/1.0
Efficiency (%)	85
Power factor (cosφ)	0.7
Protection class	IP21S
Insulation class	F
Dimensions (mm)	627×267×452
Weight (Kg)	26.8

Direct Current Output | 50/60 Hz Input Power Source | Forced Air Cooling | Energy Saving And Environment Friendly

Features

- High mobility with integrated trolley
- Impact resistance housing with 15kg wire spool accepted
- Adjustable inductance for controlling arc to optimize weld performance
- Digital display for current and voltage
- High welding efficiency





Functions

Standard

- MIG/MAG/MMA
- Gas/gasless FCAW
- Built-in hot start
- Built-in arc force
- Voltage & current digital display meter
- Burn back
- O.H. indicator
- Spool gun interface

Optional

- VRD [1]
- Lift TIG [1]
- Inductance [1]
- 4-roller wire feeder [1]
- 2T/4T
- AC36V or AC220V power for heater.

[1] Standard function of MIG350

	MIG200 N268	MIG250 N269	MIG250 N270	MIG350 N271
Input power source	1~AC230V±15% 50/60Hz		3~AC415V±15% 50/60Hz	
Rated input current (A)	38	52	13.7	22.8
Rated input power capacity (kVA)	8.8	12	9.5	15
MMA output current range (A)	10~200	10~220	10~250	20~350
MIG output current range (A)	30~200	30~250	30~250	50~350
MIG output voltage range (V)	11-27	11~29	11~29	15~38
Wire speed (m/min)	1.5~16	1.5~16	1.5~16	1.5~18
No-load voltage (V)	52	52	52	MIG: 62 MMA/TIG: 19
Rated duty cycle (%) @40°C	35	35	35	40
Wire diameter (mm)	0.6/0.8/0.9	0.6/0.8/0.9/1.0	0.6/0.8/0.9/1.0	0.8/0.9/1.0/1.2
Efficiency (%)	85	85	85	85
Power factor (cosφ)	0.7	0.9	0.9	0.9
Protection class	IP21S	IP21S	IP21S	IP21S
Insulation class	F	F	F	F
Dimensions (mm)	900×450×755	900×450×755	900×450×755	900×450×755
Weight (Kg)	46	48	47	52

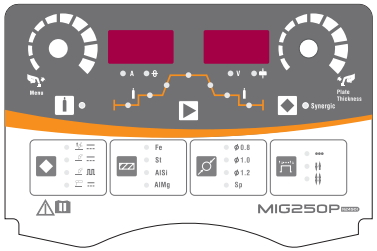
Accessories

Standard

- 3m MB-15/MB-24 torch
- 300A earth clamp +25mm²
- 3m cable+quick plug
- 3m hoseφ8×12
- 2 pcs contact tipsφ0.8
- 2 pcs contact tipsφ1.0
- 1 pc quick plug

Features

- Multi-functional welder supports MIG / Pulse MIG / Lift-TIG / MMA
- ARM chip control, as well as digital voltage circuit algorithm, enable quick and accurate control of output waveform
- Expert database for MIG synergic simplifies welding parameter adjustment
- Automatch welding parameters in accordance with selected thickness
- Digital wire feeder drive control enables continuous stable welding and improves wire feeding control
- Closed air duct for excellent dust prevention



Functions

Standard
- MIG/MAG
- MMA/Lift-TIG
- Gas/gasless FCAW
- Built-in hot start
- Built-in arc force
- O.H. indicator
- Inching
- Burnback

Optional
- VRD
- Dual voltage
- Wire feeder

Accessories

Standard
- 3M MB-15 torch
- 300A earth clamp +16mm²×3m cable +quick plug
- 3m hoseφ8×12



		MIG250P N24901
Input power source		1P~230VAC±15%
Output parameters	MMA current (A)	15~220
	MMA hot start current(A)	0~150
	MMA arc-force current(A)	0~150
	Lift TIG(A)	15~250
	MIG(A)	40~250
Rated duty cycle (%) @40°C		MIG/TIG: 250A@40%, MMA: 220A@40%
Welding material		Steel / stainless steel / AlSi / AlMg
Welding wire diamete		0.8/1.0/1.2
No-load voltage(V)		75
Protection class		IP21S
Cooling method		On-demand fan cooling
Dimensions (mm)		895×445×760
Weight (Kg)		49.7

Features

- IGBT inverter
- More cost-effective
- Compact and portable with 5kg size wire spool accepted
- Convertible wire polarity for gas metal arc welding and flux cored arc welding
- Easy operation and adjustment with friendly interface
- High welding efficiency



Functions

Standard
- MIG/MAG
- MMA
- Gas/gasless FCAW
- Built-in hot start
- Built-in arc force
- O.H. indicator
- Inching
- Burnback
- VRD

Optional
- Dual voltage
- Wire feeder

Accessories

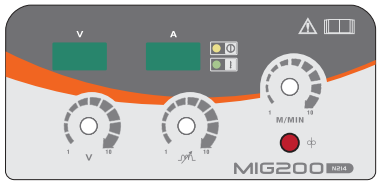
Standard
- 3M MB-15 torch
- 300A earth clamp +16mm²×3m cable +quick plug
- 3m hoseφ8×12



	MIG160 N241	MIG180 N240
Input power source	1~AC230V±15% 50/60Hz	1~AC230V±15% 50/60Hz
Rated input current (A)	26	34
Rated input power capacity (kVA)	7.3	8.1
MMA output current range (A)	10~120	10~160
MIG output current range (A)	30~160	30~180
Wire speed (m/min)	1.5~14	1.5~16
No-load voltage (V)	52	52
Rated duty cycle (%) @40°C	MMA:25; MIG:15	20
Wire diameter (mm)	0.6/0.8/1.0	0.6/0.8/1.0
Efficiency (%)	85	85
Power factor (cosφ)	0.7	0.63
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	502×225×375	502×225×375
Weight (Kg)	12.6	12.8

Features

- IGBT inverter
- Compact design with 15kg size wire spool accepted
- Adjustable inductance for controlling arc to optimize welding performance
- Digital display for current and voltage
- High welding efficiency



Functions

Standard

- MIG/MAG
- Built-in hot start
- Inching
- Slow-feeding
- Current and voltage meters

Optional

- VRD
- Spool gun
- Wire feeder
- 4-roller wire feeder

Accessories

Standard

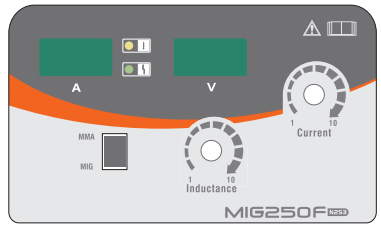
- 3m MB-15 torch
- 300A earth clamp +25mm^2×3m cable +quick plug
- 2.5m gas hose



	MIG200 N214	MIG250 N218
Input power source	1~AC230V±15% 50/60Hz	3~AC380V±15% 50/60Hz
Rated input current(A)	34	13
Rated input power capacity(kVA)	7.8	9.4
Output current range(A)	50~200	50~250
Wire speed(m/min)	1.5~16	1.5~18
No-load voltage(V)	50	52
Rated duty cycle(%) @40°C	60	60
Electrode & wire diameter(mm)	0.8/1.0/1.2	0.8/1.0/1.2
Efficiency(%)	85	85
Power factor(cosφ)	0.7	0.9
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions(mm)	605×275×570	605×275×570
Weight(Kg)	24	26

Features

- IGBT inverter
- Separate wire feeder
- Quick response for spot welding
- Portable with light weight
- Digital display for current and voltage
- Concise and user-friendly panel



Functions

Standard

- MIG/MAG
- MMA
- Gas/gasless FCAW
- Built-in hot start
- Built-in arc force
- Digital display meters
- Inductance knob
- O.H. indicator
- Inching
- Slow-feeding
- 2T/4T

Optional

- VRD
- Spool gun
- Wre feeder
- 4-roller wire feeder



Accessories

Standard

- 3M MB-15/MB-24 torch
- 300A clamp-25mm^2 cable
- 3m hose φ8×12
- 1 pc contact tips φ0.8
- 1 pc quick plug

Optional

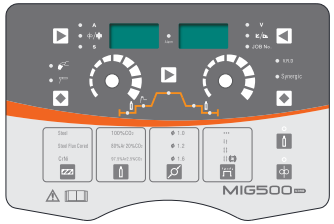
- 36V CO_2 gas regulator with heater

	MIG250F N253	MIG315F N254
Input power source	3~AC380V±15% 50/60Hz	
Rated input current (A)	12.7	18
Rated input power capacity (kVA)	8.4	11.9
MMA output current range (A)	20~220	20~270
MIG output current range (A)	50~250	50~315
Wire speed (m/min)	1.5~15	1.5~24
No-load voltage (V)	52	54
Rated duty cycle (%) @40°C	30	40
Wire diameter (mm)	0.8/1.0	0.8/1.0/1.2
Efficiency (%)	85	85
Power factor (cosφ)	0.9	0.9
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	502×217×381	502×217×381
Weight (Kg)	16	16

Direct Current Output
50/60 Hz Input Power Source
Forced Air Cooling
Energy Saving And Environment Friendly
Random Access Memory
Job Save Function

Features

- Brand new digital control system with 32-bit efficient processor
- Synergic regulation with accurate current preset, optional customized database
- Operable within ±20% of work voltage
- Equipped with on-demand fan system and separate air passage
- Water-proof, dust-proof and corrosion-proof





SYNERGIC

Applications

Suitable for normal low carbon steel, stainless steel (thickness≥ 1mm) , wide application in shipbuilding, steel structure, petroleum chemical industry, automobile, open field construction, etc.



Functions

Standard

- Synergic welding
- MIG/MAG/MMA
- O.C. & O.H. protection
- VRD switch

Accessories

Standard

- Torch: MB 501D (3m) water-cooled
- Water tank: 4L 220VAC (MIG350/400) 6.5L 220VAC (MIG500)
- Wire feeder: SB-10-C1
- 300A earth clamp +35mm²×3m +lug (MIG350 / 400)
- 500A earth clamp +50mm²×3m +lug (MIG500)

Optional

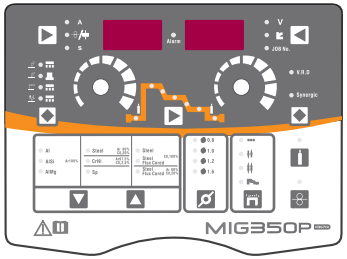
- AC36V CO_2 regulator and heater

	MIG350 N397	MIG400 N396	MIG500 N398
Input power source	3~AC380V±20% 50/60Hz	3~AC380V±20% 50/60Hz	3~AC380V±20% 50/60Hz
Rated input current (A)	23.7	35.0	40.6
Rated input power capacity (kVA)	13.7	16.6	24.2
Power factor (cosφ)	0.89	0.90	0.92
No-load voltage (V)	71	MIG: 71 MMA: 15	MIG: 80 MMA: 15
Rated output (A/V)	350/31.5	400/34	500/39
Welding voltage (V)	10-40	10~44	10~50
Welding current (A)	30~350	30~400	30~500
Wire speed (m/min)	2.0~22	2.0~22	1.5-22
Output characteristics	MMA: CC MIG/MAG: CV	MMA: CC MIG/MAG: CV	MMA: CC MIG/MAG: CV
Rated duty cycle (%) @40°C	60	60	50
Efficiency (%)	90	90	91
Protection class	IP23	IP23	IP23
Insulation class	F	F	F
Dimensions (mm)	630×300×540	630×300×540	785×330×666
Weight (Kg)	43	45	59

Direct Current Output
50/60 Hz Input Power Source
Forced Air Cooling
Energy Saving And Environment Friendly
Random Access Memory
Job Save Function

Features

- Brand new digital control system with 32-bit efficient processor
- High-precision waveform management
- Consistent pulse MIG welding results with unified and stable droplet formation
- Strong penetration, consistent arcing and crater formation
- Synergic regulation with accurate current preset, optional customized database
- 20 job parameters setting memory slots
- Comprehensive digital control panel with interchangeable metric/imperial system display
- Operable within ±20% of work voltage
- Equipped with on-demand fan system and separate air passage
- Water-proof, dust-proof and corrosion-proof





Functions

Standard

- DC MIG/Pulse MIG/ MMA welding/Lift-TIG
- Arc-force
- O.C. & O.H. protection
- 2T/4T
- Wire & gas selection area
- Inching
- Slow wire feeding

Optional

- 4-roller wire feeder

Accessories

Standard

- Wire feeder: plastic P051
- Torch: MB501D(3M) (euro connector)
- 500A earth clamp
  - 35/50/70mm²×3m
  - quick plug

Optional

- AC36V CO_2 regulator and heater
- Water tank: 4L or 6.5L
- Torch: MB 501D (3m) water-cooled
- Wire feeder: Plastic panel P045
- Trolley

Applications

Suitable for normal low carbon steel, stainless steel (thickness≥1mm) , wide application in shipbuilding, steel structure, petroleum chemical industry, automobile, open field construction, etc.

Model		MIG500P (N36801)	MIG350P (N36701)
Input	Power supply	3P AC380V±20% 50Hz	
	Rated input (kVA)	33.3	13.67
	Power factor	0.9	0.89
Output	Rated OCV (V))	86	86
	V.R.D	√	√
	MMA,TIG rated VRD (V)	15	15
	MIG rated max output (A/V)	500A/39V	350A/31.5V
	MMA rated max output (A/V)	500A/40V	350A/34V
	TIG rated max output (A/V)	500A/30V	350A/24V
	Welding voltage (V)	10～50	10～42
	Welding current (A)	30～500	30～350
	Wire feed speed (m/min)	1.5～23.0	1.5～23.0
	Regulator heater voltage (V)	AC36	AC36
	Output characteristics	MMA&TIG:CC MIG/MAG:CV	
Environment	Working temperature (℃)	−10～+40	−10～+40
	Storage temperature (℃)	−25～+55	−25～+55
	IP class	IP23	IP23
	Cooling type	Air-cooled	Air-cooled
Rated duty cycle (%) @40℃		50	60
Efficiency (%)		91	90
Insulation grade		F	F
Dimension (L×W×H mm)		785×330×666	630×300×540
Weight (kg)		59	45

Direct Current Output

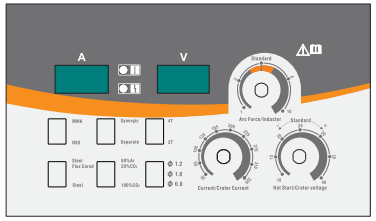
50/60Hz Input Power Source

Forced Air Cooling

Energy Saving And Environment Friendly

Features

- Full bridge IGBT inverter technology, high reliability and less energy consumption
- MIG/MMA welder with high cost effectiveness
- Post-welding wire-end droplet elimination function, delivering smooth welding process and improved weld quality
- Unique welding dynamics control circuit; double drive wire feeding configuration to ensure stable arc, less spatter, fine welding bead and high welding efficiency
- A prompt feedback circuit makes electric arc change responsively as wire stick-out varies
- High duty circle enables long duration welding with high load



Applications

Suitable for normal low carbon steel, stainless steel (thickness≥1mm) , aluminum and its alloys (thickness≥3 mm) ; wide application in shipbuilding, steels structure, petroleum chemical industry, automobile, open field construction, etc.



Functions

Standard

- MIG/MAG
- MMA
- Hot start
- O.C. & O.H. protection
- 2T/4T
- Gas check (MIG350)
- Inching
- Slow wire feeding

Optional

- 4-roller wire feeder

Accessories

Standard

- 1 set wire feeder: WF-23A +5m cable
- 1 pc 3m MB-36 MIG torch
- 1 pc AC36V CO_2 regulator
- 1 set 500A earth clamp +35mm^2×3m cable +quick plug (MIG350)
- 1 set 500A earth clamp +50mm^2×3m cable +quick plug (MIG500)

Optional

- MB 501D (3m) water-cooled torch
- 4L or 6.5L 220VAC water tank
- Wire feeder: Plastic panel P045 or CS-501B
- Trolley



	MIG350 N387	MIG500 N388
Input power source	3~AC380V±15% 50/60Hz	3~AC380V±15% 50/60Hz
Rated input current (A)	23.7	40.6
Rated input power capacity (kVA)	15.6	26.7
Power factor (cosφ)	0.94	0.94
No~load voltage (V)	80	80
Rated output (A/V)	350/34	500/40
Welding voltage (V)	10~40	15~50
Welding current (A)	30~350	30~500
Wire speed (m/min)	1.5~18	1.5~18
Output characteristics	MMA: CC MIG/MAG: CV	MMA: CC MIG/MAG: CV
Rated duty cycle (%) @40°C	60	50
Efficiency (%)	89	89
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	625×283×575	625×336×670
Weight (Kg)	45	53



TIG

Power Factor Correction

AC/DC Output

Elite Series

Pulse

Pro Series

Digital Control

Direct Current Output

50/60 Hz Input Power Source

Forced Air Cooling

Energy Saving And Environment Friendly

Features

- IGBT inverter
- Easy arc ignition with HF
- Good arc stiffness for stable arc
- Strong penetration with concentrated heat input
- Sound welds with little spatter
- Suitable for welding materials such as steel, stainless steel, titanium, copper, nickel and their alloys
- Applicable in vessel, bike, decoration, outdoor advertising, etc.



Functions

Standard

- HF
- MMA
- Post-flow
- Down slope
- Built-in hot start
- Built-in arc force
- O.H. indicator
- 2T/4T

Optional

- Digital display meter
- VRD

Accessories

Standard

- 1 pc 4m WP-26K-E TIG torch
- 1 pc 300A earth clamp+16mm²×3m cable+quick plug
- 1 pc quick plug DKJ35-50

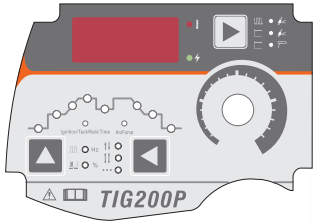




	TIG200 W207
Input power source	1~AC230V±15% 50/60Hz
Rated input current (A)	31
Rated input power capacity (kVA)	7.1
TIG output current range (A)	10~200
MMA output current range (A)	10~180
Post-flow time (S)	0~15
Down slope (S)	0~10
Arc starting	HF
No-load voltage (V)	60
Rated duty cycle (%) @40°C	35
Efficiency (%)	85
Power factor (cosφ)	0.7
Protection class	IP21S
Insulation class	F
Dimensions (mm)	365×135×277
Weight (Kg)	6.1

Features

- IGBT inverter
- Precise digital control empowered by MCU technology
- Good arc stiffness for stable arc
- Strong penetration with concentrated heat
- Sound welds with little spatter
- Excellent performance with Pulse TIG, especially for thin plate welding
- Suitable for welding materials such as steel, stainless steel, titanium, copper, nickel and their alloys
- Applicable in vessel, bike, decoration, outdoor advertising, etc.





Functions

Standard

- HF TIG
- Built-in anti-stick
- Built-in hot start
- Built-in arc force
- 2T/4T/Spot
- O.H. indicator
- Digital display meter
- Automatic saving parameter

Optional

- VRD
- Pedal remote control
- Current-controlling torch

Accessories

Standard

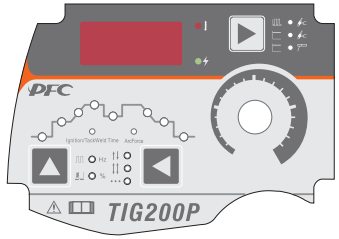
- 1 pc 4m WP-26K-E TIG torch
- 1 pc 300A earth clamp+16mm^2×3m cable+quick plug
- 1 pc quick plug DKJ35-50

	TIG200P W212
Input power source	1~AC230V±15% 50/60Hz
Rated input current (A)	36
Rated input power capacity (kVA)	8.2
TIG output current range (A)	10~200
MMA output current range (A)	10~180
Pre/Post-flow time (S)	0~15
Up/Down slope (S)	0~10
Arc starting	HF
No-load voltage (V)	60
Rated duty cycle (%) @40℃	35
Efficiency (%)	85
Power factor (cosφ)	0.7
Protection class	IP21S
Insulation class	F
Dimensions (mm)	365×135×277
Weight (Kg)	6.1



Features

- Multi-voltage capability (AC95-265V) with PFC technology
- Energy-efficient with a power factor>0.99
- Precise digital control empowered by MCU technology
- Good arc stiffness for stable arc
- Strong penetration with concentrated heat
- Sound welds with little spatter
- Excellent performance with Pulse TIG, special for thin plate welding
- Suitable for welding materials such as steel, stainless steel, titanium, copper, nickel and their alloys
- Applicable in vessel, bike, decoration, outdoor advertising, etc.



Functions

Standard

- HF
- DC pulse TIG
- Built-in anti-stick
- Built-in hot start
- Built-in arc force
- 2T/4T/spot
- O.H. indicator
- Digital display meter
- Automatic saving parameter

Optional

- Remote control



Accessories

Standard

- 1 pc 4m WP-26K-E TIG torch
- 1 pc 300A earth clamp+16mm^2×3m cable+quick plug 300A
- 1 pc φ6.5 gas quick socket
- 1 pc quick plug

	TIG200P PFC W218	
Input power source	1~AC230V (95-265V) 50/60Hz	
	AC115V	AC230V
Rated input current (A)	27.8	18.7
Rated input power capacity(kVA)	3.2	4.3
TIG output current range (A)	10~160	10~200
MMA output current range (A)	10~120	10~180
Pre/Post-flow time (S)	0~15	0~15
Up/Down slope (S)	0~10	0~10
Arc starting	HF	HF
No-load voltage (V)	65	65
Rated duty cycle (%) @40℃	35	30
Efficiency (%)	85	85
Power factor (cosφ)	0.99	0.99
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	420×135×235	420×135×235
Weight (Kg)	7.5	7.5

Direct Current Output | 50/60 Hz Input Power Source | Forced Air Cooling | Energy Saving And Environment Friendly

Features

- IGBT inverter
- Automatic parameter saving
- AC TIG for aluminium and magnesium welding
- Precise digital control and multi-functionallity empowered by MCU technology
- Real time display of welding current
- Excellent performance with Pulse TIG, especially for thin plate welding
- Good arc stiffness for stable arc
- Strong penetration with concentrated heat
- Sound welds with little spatter
- Suitable for welding materials such as steel, stainless steel, titanium, copper,
- Applicable in vessel, bike, decoration, outdoor advertising, etc



	TIG200P AC/DC E201
Input power source	1~AC230V±15% 50/60Hz
Rated input current (A)	31
Rated input power capacity (kVA)	7.1
TIG output current range (A)	5~200
MMA output current range (A)	10~160
Pre-flow time (S)	0.1~10
Post-flow time (S)	0.5~15
Up/Down slope (S)	0~15
AC balance (%)	15~85
Arc starting	HF
AC frequency	20~250
Pulse frequency	0.2~200
No-load voltage (V)	56
Rated duty cycle (%) @40°C	25%
Efficiency (%)	85
Power factor (cosφ)	0.7
Protection class	IP21S
Insulation class	B
Dimensions (mm)	426×162×277
Weight (Kg)	9

Functions

Standard
- HF
- MMA
- AC TIG
- AC pulse TIG
- DC pulse TIG
- Built-in hot start
- Automatic saving of parameters
- O.H. & O.C. indicator
- Digital display meter
- 2T/4T/Spot

Optional
- Anti-stick
- VRD
- Pedal remote control

Accessories

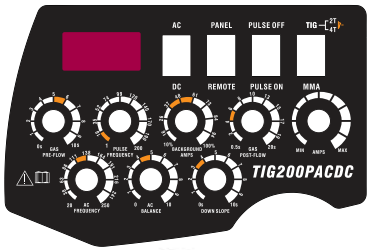
Standard
- 1 pc 4m WP-26K-E TIG torch
- 1 set of 300A earth clamp+16mm²×3m cable+quick plug
- 1 pc quick plug DKJ35-50
- 1 pc tungsten 1.6×150mm

Optional
- Kit/suit case
- Pedal control box
- Remote control box
- Current-controlling torch

Direct Current Output | 50/60 Hz Input Power Source | Forced Air Cooling | Energy Saving And Environment Friendly

Features

- IGBT inverter
- Precise digital control and multi-functionallity empowered by MCU technology
- Easy arc striking and stable current for smooth welding
- Good weld seams with minimal spatter
- Protection code hint displays when protection function is activated
- Great automatic recording function



Functions

Standard
- HF
- 2T/4T
- Pre/post flow
- Buit-in hot start
- Buit-in arc force
- O.H.&O.V.&O.C.&U.V.
- Digital display meter

Optional
- Water tank
- Pedal remote control
- Remote torch





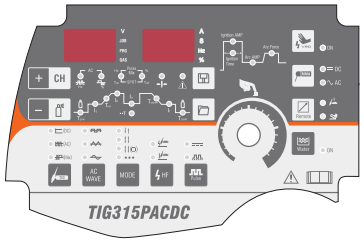
Accessories

Standard
- 1 pc 5m WP-18 water-cooled torch
- 1 set of 500A earth clamp+35mm²×3m cable+quick plug
- 1 pc quick plug DKJ35-50

	TIG200P AC/DC E20102
Input power source	1~AC380V±15% 50/60Hz
Rated input current (A)	19.5@TIG 21.0@MMA
Power capacity (kVA)	9.0@TIG 10.0@MMA
Rated input power capacity (kVA)	21
TIG output current range (A)	6~315
MMA output current range (A)	10~270
Pre-flow time (S)	0.5~10
Post-flow time (S)	0.5~15
Up/Down slope (S)	0~15
AC balance (%)	20~60
Arc starting	HF/ non HF
AC frequency	0~80
Pulse frequency DC (Hz)	0.5~200
Pulse frequency AC (Hz)	0.5~20
No-load voltage (V)	65
Rated duty cycle (%) @40°C	TIG: 315@30% MMA: 270@30%
Efficiency (%)	80
Power factor (cosφ)	0.7
Protection class	IP21S
Insulation class	B
Dimensions (mm)	566×233.5×405
Weight (Kg)	25.5

Features

- IGBT inverter
- Precise digital control and multi-functionallity empowered by MCU technology
- Easy arc striking and stable current for smooth welding
- Good weld seams with minimal spatter
- Protection code hint displays when protection function is activated
- Great automatic recording function



Functions

Standard

- HF
- 2T/4T
- Pre/post flow
- Buit-in hot start
- Buit-in arc force
- O.H.&O.V.&O.C.&U.V.
- Digital display meter

Optional

- Water tank
- Pedal remote control
- Remote torch



Accessories

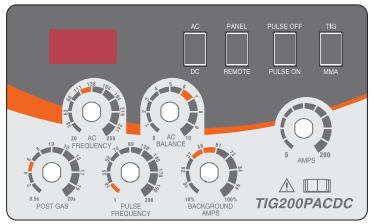
Standard

- 1 pc 5m WP-18 water-cooled torch
- 1set of 500A earth clamp+35mm²×3m cable+quick plug
- 1 pc quick plug DKJ35-50

	TIG315P AC/DC E202
Input power source	1~AC380V±15% 50/60Hz
Rated input current (A)	19.5@TIG 21.0@MMA
Power capacity (kVA)	9.0@TIG 10.0@MMA
Rated input power capacity (kVA)	21
TIG output current range (A)	6~315
MMA output current range (A)	10~270
Pre-flow time (S)	0.5~10
Post-flow time (S)	0.5~15
Up/Down slope (S)	0~15
AC balance (%)	20~60
Arc starting	HF/ non HF
AC frequency	0~-80
Pulse frequency DC (Hz)	0.5~200
Pulse frequency AC (Hz)	0.5~20
No-load voltage (V)	65
Rated duty cycle (%) @40℃	TIG: 315@30% MMA: 270@30%
Efficiency (%)	80
Power factor (cosφ)	0.7
Protection class	IP21S
Insulation class	B
Dimensions (mm)	566×233.5×405
Weight (Kg)	25.5

Features

- IGBT inverter
- Digital control technology enhances welding performance
- Automatic parameters saving
- Excellent performance with Pulse TIG, especially for thin plate welding
- Sound welds with reduced spatter
- Remote control





Functions

Standard

- HF
- MMA
- AC TIG
- AC pulse TIG
- Buit-in hot start
- Buit-in arc force
- O.H. & O.C.
- Digital display meter

Accessories

Standard

- 1 pc 4m WP-26K-E TIG torch
- 1set of 300A earth clamp+16mm²×3m cable+quick plug
- 1 pc quick plug DKJ35-50
- 1 pc tungsten 1.6×150mm

Optional

- Remote control box

	TIG200P AC/DC E20101
Input power source	1~AC220V±15% 50/60Hz
Rated input current (A)	16
Rated input power capacity (kVA)	6
TIG output current range (A)	5~200
MMA output current range (A)	10~160
Pre-flow time (S)	0.5
Post-flow time (S)	0.5~20
Up/Down slope (S)	0
AC balance (%)	15~50
Arc starting	HF
AC frequency	20~250
Pulse frequency	1~200
No-load voltage (V)	56
Rated duty cycle (%) @40℃	ARC: 160@30% TIG: 200@25%
Efficiency (%)	85
Power factor (cosφ)	0.7
Protection class	IP21S
Insulation class	B
Dimensions (mm)	502×217×381
Weight (Kg)	9

Features

- IGBT inverter
- Easy arc ignition with high frequency
- Good arc stiffness for stable arc
- Strong penetration with concentrated heat
- Clean welds with reduced spatter
- Suitable for welding materials such as steel, stainless steel, titanium, copper, nickel and their alloys
- Applicable in vessel, bike, decoration, outdoor advertising, etc.

Functions

Standard

- HF TIG
- O.H. indicator
- Digital display meter

Accessories

Standard

- 1 pc 4m SR-26 TIG torch
- 1 pc 300A earth clamp+16mm^2×2.5m cable+quick plug
- 1 pc quick plug

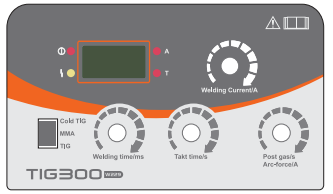




	TIG180S W221	TIG180 W223	TIG200 W227	TIG200P W224
Input power source		1~AC230V±15% 50/60Hz		
Rated input current (A)	29	29	TIG:28A MMA:35A	32
Rated input power capacity (kVA)	6	6.6	7.8	7.3
TIG output current range (A)	10～180	10～180	10～200	10～200
MMA output current range (A)	--	10～160	10～180	10～180
Post-flow time (S)	1～10	1～10	1～10	1～10
Down slope (S)	--	--	--	0～5
Arc starting	HF	HF	HF	HF
No-load voltage (V)	50	60	72	70
Rated duty cycle (%) @40℃	30	30	30	30
Efficiency (%)	85	85	85	85
Power factor (cosφ)	0.7	0.7	0.8	0.7
Protection class	IP21S	IP21S	IP21S	IP21S
Insulation class	F	F	F	F
Dimensions (mm)	430×168×312	430×168×312	430×168×312	430×168×312
Weight (Kg)	7.15	7.2	7.2	7.5

Features

- IGBT inverter
- Multi-functional welder for TIG, MMA and cold welding
- Easy arc striking and stable current for smooth welding
- Good weld seams with minimal spatter
- Easy arc ignition with HF
- Widely used in carbon steel, stainless steel, alloy steel, heat-resistant steel, copper, titanium and titanium alloys etc.





Functions

Standard

- HF
- Cold welding
- O.H.&O.C.
- Digital display meter

Accessories

Standard

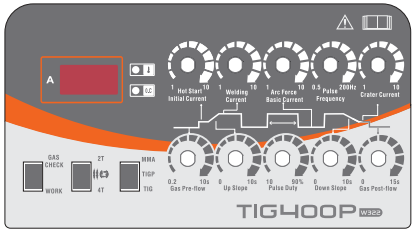
- Tig torch: QQ300 (5M)
- Earth clamp: 300A-25mm^2-KDP50A (2.5M)
- 1 pc quick plug

	TIG300 W229
Input power source	3~AC380V±15% 50/60Hz
Rated input current (A)	11.6
Rated input power capacity (kVA)	7.21
TIG output current range (A)	10～250
MMA output current range (A)	20～210
Post-flow time (S)	2～10
Up/Down slope (S)	/
Arc starting	HF
No-load voltage (V)	60
Rated duty cycle (%) @40℃	ARC: 210@50% TIG: 250@40%
Efficiency (%)	87
Power factor (cosφ)	0.93
Protection class	IP21S
Insulation class	F
Dimensions (mm)	490×209×380
Weight (Kg)	14.8



Features

- Digital welding circuit for refined welding performance
- Equipped with pulse mode, suitable for welding 0.5mm thin plate at a min. current of 5A
- Multiple TIG modes (2T, 4T, repeat) to meet different welding demands
- High IP rating for improved reliability in harsh working environ ment
- Compact and reliable with single-PCB design
- Reserved digital interface for auto welding equipment



Applications

Suitable for carbon steel, stainless steel, alloy steel, copper, titanium and titanium alloy; wide application in ship building, pressure vessel, automobile, oilfield construction, chemical construction, steel structure, outdoor decoration, outdoor advertising, etc.





Functions

Standard

- HF DC TIG
- HF pulse TIG (only TIG400P)
- MMA
- 2T/4T, repeat
- Remote control interface
- Gas check

Optional

- Digital interface

Accessories

Standard

- TIG torch: WP-18 (5m) water-cooled torch (TIG400P)
- TIG torch: Qq300 (5M) (TIG400)
- Earth clamp: 300A-35mm^2-DKJ35-50 (3M)

Optional

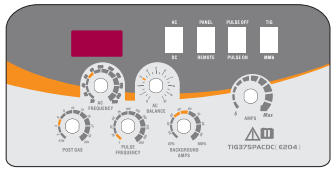
- Pedal control unit
- Remote control box
- Water tank: 4L, 8L

	TIG400 W398	TIG400P W322
Input power source	3~AC380V±15% 50/60Hz	3~AC380V±15% 50/60Hz
Rated input current (A)	25.3	25.3
Rated input power capacity (kVA)	18	18
Power factor (cosφ)	0.9	0.9
No-load voltage (V)	68	68
Rated output (A/V)	400/36	400/36
Rated duty cycle (%) @40℃	60	60
Welding current (A)	10~400	10~400
Arc force range (A)	0~200	0~200
Arc start range (A)	0~200	0~200
Pre-flow time (S)	0.2~10	0.2~10
Initial current (A)	10~400	10~400
Pilot arc current (A)	10~400	10~400
Up/down-slope time (S)	0~10	0~10
Background current (A)	--	10~400
Peak current (A)	10~400	10~400
Post-flow time (S)	2~15	2~15
Pulse frequency range (Hz)	--	0.2~200
Pulse duty factor (%)	--	10~90
Efficiency (%)	85	85
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	710×415×580	710×415×580
Weight (Kg)	30	30

TIG375P ACDC

Features

- Digital welding circuit for refined welding performanc
- Equipped with pulse mode, suitable for welding 0.5mm thin plate at a min. current of 5A
- High IP rating for improved reliability in harsh working environment excellent welding performance when under pulse mode
- Reserved digital interface for auto equipment connection





Functions

Standard

- HF
- Pre/post flow
- Buit-in hot start
- Buit-in Arc Force
- O.H.&O.V.&O.C.&U.V.
- Digital display meter

Optional

- Water tank
- Pedal remote control
- Remote torch

Accessories

Standard

- 1 pc 5m WP-18 water-cooled torch
- 1 set of 500A earth clamp+35mm^2×3m cable+quick plug
- 1 pc quick plug DKJ35-50

	TIG375PACDC E204	
Input power source	1~AC220V±15% 50/60Hz	1~AC440V±15% 50/60Hz
I1 max (A)	MMA:25A; TIG:27A	MMA:20A; TIG:20A
I1 eff (A)	MMA:9.3; TIG:9.9	MMA:15.7; TIG:15.8
Output current range TIG (A)	DC: 5~275 AC: 5~260	DC: 5~375 AC: 5~360
Output current range MMA (A)	MMA:5~275; TIG:10~200	MMA:5~375; TIG:0~300
Rated duty cycle TIG (%) @40℃	35%	35%
Rated duty cycle MMA (%) @40℃	40%	35%
Open circuit voltage (V)	84	84
Pre-flow time (S)	0.5	0.5
Post-flow time (S)	0.5~20	0.5~20
AC frequency (Hz)	20~200	20~200
Pulse frequency (Hz)	1~200	1~200
Pulse width	50%	50%
Base current	10~90% of peak current	10~90% of peak current
Dimensions (mm)	520×260×440 mm	520×260×440 mm
Weight (Kg)	30 kg	30 kg

TIG400/400P

Features

- Digital welding circuit for refined welding performance
- Equipped with pulse mode, suitable for welding 0.5mm thin plate at a min. current of 5A
- High IP rating for improved reliability in harsh working environment
- Reserved digital interface for auto equipment connection

Applications

Suitable for carbon steel, stainless steel, alloy steel, copper, titanium and titanium alloy; wide application in shipbuilding, pressure vessel, automobile, oilfield construction, chemical construction, steel structure, outdoor decoration, outdoor advertising, etc.



Optional trolley and water tank

- Improved safety and reliability with patented quick electrical configuration for water tank and power source connection.
- Intelligent control of cooling fan and water tank.
- Water-lack and over-heat water temperature protection.
- Module-design for trolley, water tank and power source.
- Preserved auto wire feeding configuration interface.
- Other ergonomic design details: locking-stop casters; tool box; torch hanger; cable hanger; comfortable machine grip/handle.



Functions

Standard

- HF TIG/Lift-TIG/MMA
- 2T/4T, repeat, spot welding
- Remote control
- VRD

Optional

- Water flow switch interface

Accessories

Standard

- TIG torch: WP-18 (5m) water-cooled torch
- Earth clamp: 300A-35mm^2-DKJ35-50 (3M)
- Water tank: 4L
- Trolley

Optional

- Pedal control unit
- Remote control box

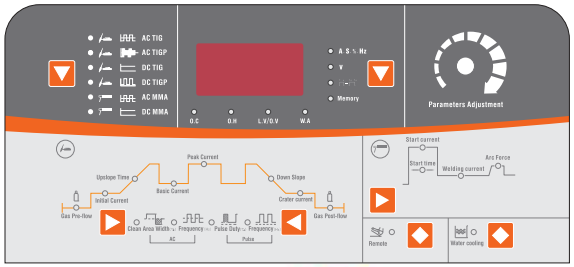
	TIG400 W39803	TIG400P W32203
Input power source	3~AC380V±15% 50/60Hz	3~AC380V±15% 50/60Hz
Rated input current (A)	25.3	25.3
Rated input power capacity (kVA)	18	18
Power factor (cosφ)	0.9	0.9
No-load voltage (V)	68	68
Rated output (A/V)	400/36	400/36
Rated duty cycle (%) @40℃	50	50
Welding current (A)	5~400	5~400
Arc force range (A)	0~200	0~200
Arc start range (A)	0~200	0~200
Pre-flow time (S)	0.2~10	0.2~10
Initial current (A)	5~400	5~400
Pilot arc current (A)	5~400	5~400
Up/down-slope time (S)	0~10	0~10
Background current (A)	--	5~400
Peak current (A)	5~400	5~400
Post-flow time (S)	2~15	2~15
Pulse frequency range (Hz)	--	0.2~200
Pulse duty factor (%)	--	10~90
Efficiency (%)	85	85
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	760×360×585	760×360×585
Weight (Kg)	32	32

Features

- Equipped with multiple welding functions, such as DC MMA AC MMA, DC TIG, DC PULSE TIG, AC square wave TIG, AC pulse TIG, etc. to meet various welding demands
- Digital control mode and human-machine interaction for easy and convenient operation
- Complete auto protection with 6 sets parameters protection to guarantee high reliability
- Time-saving with 5 job memory slots
- Excellent MMA welding performance, with accurate control of arc start current and arc force; easy arc start, less spatter, and fine welding bead
- Multiple 15 TIG modes to meet various welding demands
- Adjustable balance and pulse frequency in AC TIG mode to achieve more refined welding
- Extensible synchronized function for two TIG welding machines
- Compatible with robot and other automation equipment

Applications

TIG500P AC/DC adopts full digital control circuit, easy operation panel, multiple functions and operation modes to satisfy various welding demand. Suitable for almost all kinds of metal and its alloys, such as carbon steel, stainless steel, alloy steel, copper, titanium, aluminum, magnesium and all other light weight but high strength metals and their alloy; wide application in ship building, pressure vessel, automobile, oilfield construction, chemical construction, steel structure, aviation,outdoor decoration, outdoor advertising, etc.







Functions

Standard

- DC MMA
- AC MMA
- DC TIG
- DC pulse TIG
- AC TIG
- AC pulse TIG
- Pedal control interface
- Preserved water tank protection interface

		TIG500P AC/DC E312
Input power source		3~AC380V±15% 50/60Hz
Rated input current (A)		29.6
Rated input power capacity (kVA)		21
Rated output (A/V)		TIG: 500/30, MMA: 400/36
Rated duty cycle (%) @40℃		60
No-load voltage (V)		68
MMA	Output current (A)	DC: 10～410 AC: 20～410
	Arc start range (A)	DC: 10～410 AC: 20～410
	Arc force range (A)	0～250
	AC frequency range (Hz)	50
TIG	Initial current (A)	DC: 10～510 AC: 20～250
	Peak current (A)	DC: 10～510 AC: 20～510
	Background current (A)	DC: 10～510 AC: 20～510
	Crater current (A)	DC: 10～510 AC: 20～250
	DC pulse frequency (Hz)	0.5～200
	DC pulse duty ratio (%)	10～90
	AC frequency (Hz)	20～70
	+/- half wave duty ratio (%)	10～60
	AC pulse frequency (Hz)	0.5～5.0
	AC pulse duty cycle (%)	10～90
	Up/Down-slope (S)	0～60
	Pre-flow time (S)	0～15.0
	Post-flow time (S)	2～20.0
	Spot welding time (S)	0.0～8.9
	Arc starting	HF
Efficiency (%)		85
Protectionclass		IP21S
Insulationclass		F
Dimensions (mm)		650×340×783
Weight (Kg)		63

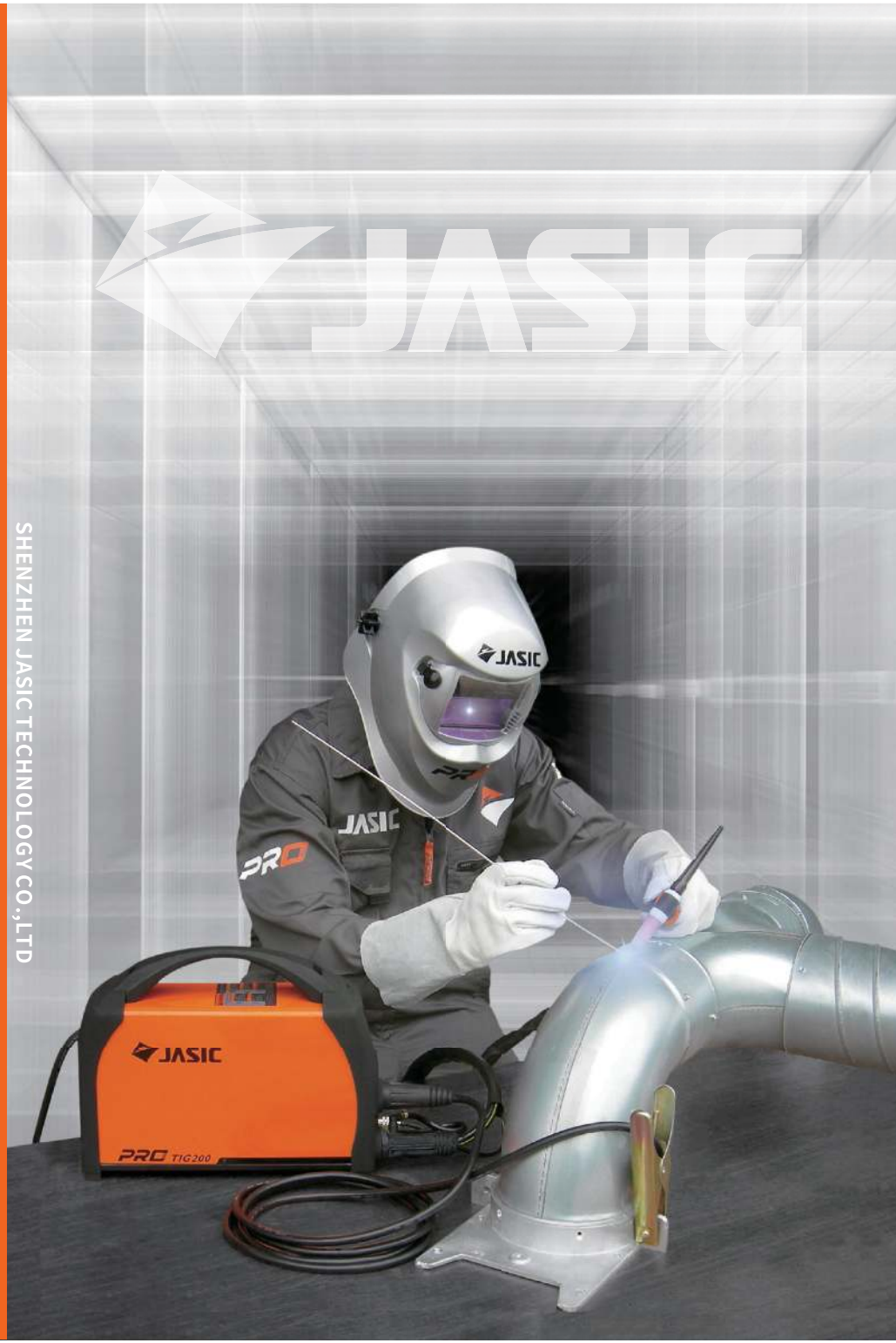
Accessories

Standard

- TIG torch: WP-12 (5m) water-cooled torch
- Earth clamp: 500A-50mm^2-KDP95A (3m)

Optional

- Pedal remote control unit
- Remote control box
- Water tank: 8L or 9L





Direct Current Output

50/60 Hz Input Power Source

Forced Air Cooling

Energy Saving And Environment Friendly

Features

- INVERTER IGBT
- Pilot arc start increases cutting efficiency
- Digital control empowered by MCU technology
- Compact and portable
- Built-in air filter and regulator



Functions

Standard

- Pre-flow
- 2T/4T
- Pilot arc
- O.H. protection
- O.C. protection
- Euro connector

Optional

- HF touch (only L202)
- CNC interface

Accessories

Standard

- 1 pc 6m A51 torch (L202)
- 1 pc 6m S45 torch (L203)
- 1 set of 300A earth clamp+6mm^2×3m cable+quick plug

Optional

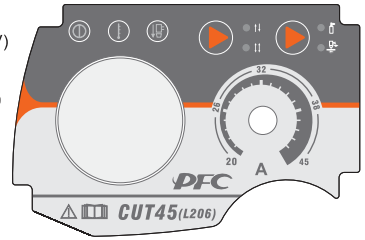
- Kit/suit case



	CUT40 L202	CUT40 L203
Input power source	1~AC230V±15% 50/60Hz	1~AC230V±15% 50/60Hz
Rated input current (A)	33.7	33.7
Rated input power capacity (kVA)	7.7	7.7
Output current range (A)	20~40	20~40
Post-flow time (S)	12	12
Arc starting	HF	NON HF
No-load voltage (V)	270	270
Rated duty cycle (%) @40°C	35	35
Quality cut thickness (mm)	8	8
Efficiency (%)	85	85
Power factor (cosφ)	0.7	0.7
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	439×165×327	439×165×327
Weight (Kg)	9.1	9.1

Features

- INVERTER IGBT
- Wide input voltage range (AC95-265V) thanks to PFC technology
- Energy-saving with power factor>0.99
- Pilot arc start increases cutting efficiency
- Digital control empowered by MCU technology
- Compact and portable
- Built-in air filter and regulator



Functions

Standard
- Pre-flow
- 2T/4T
- Pilot arc
- O.H. protection
- O.C. protection
- Euro connector
- Non HF

Optional
- CNC interface
- HF







Accessories

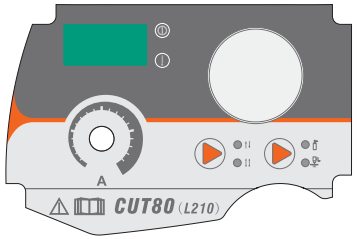
Standard
- 1 pc 6m S45 torch
- 1 set of 300A earth clamp+6mm^2×3m cable+quick plug

Optional
- Kit/suit case

	CUT45PFC L206	CUT45PFC L2060A	
Input power source	1~AC230V (160-265V) 50/60Hz	1~AC230V (95-265V) 50/60Hz	
		AC115V	AC230V
Rated input current (A)	23	30	23
Rated input power capacity (kVA)	5.3	5.3	5.3
Output current range (A)	10~45	10~30	10-45
Post-flow time (S)	12	12	12
Arc starting	Non HF	Non HF	Non HF
No-load voltage (V)	280	290	290
Rated duty cycle (%) @40°C	35	30	35
Quality cut thickness (mm)	12	8	12
Efficiency (%)	85	85	85
Power factor (cosφ)	0.99	0.99	0.99
Protection class	IP21S	IP21S	IP21S
Insulation class	F	F	F
Dimensions (mm)	439×165×327	439×165×327	439×165×327
Weight (Kg)	9.1	9.5	9.5

Features

- INVERTER IGBT
- Pilot arc start increases cutting efficiency
- Easy operation and high cutting speed
- Easy arc ignition with HF
- Smooth cutting surface
- Widely used in cutting carbon steel, stainless steel, copper, cast iron and aluminum, etc.



Functions

Standard
- Pre-flow
- 2T/4T
- Pilot arc
- O.H. protection
- O.C. protection
- Euro connector

Optional
- CNC interface
- HF

Accessories

Standard
- 1 pc 5m P80 torch
- 1 set of 300A earth clamp+10mm^2×3m cable+quick plug (CUT60)
- 1 set of 300A earth clamp+10mm^2×3m cable+quick plug (CUT80)



	CUT60 L209	CUT80 L210
Input power source	3~AC380V±15% 50/60Hz	3~AC380V±15% 50/60Hz
Rated input current (A)	11.4	16.3
Rated input power capacity (kVA)	7.9	11.3
Output current range (A)	20~60	20~80
Post-flow time (S)	10	10
Arc starting	Non HF	Non HF
No-load voltage (V)	290	290
Rated duty cycle (%) @40°C	40	40
Quality cut thickness (mm)	16	20
Efficiency (%)	85	85
Power factor (cosφ)	0.9	0.9
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	540×250×380	540×250×380
Weight (Kg)	14.5	15

ELITE

Direct Current Output | 50/60 Hz Input Power Source | Forced Air Cooling | Energy Saving And Environment Friendly

Features

- INVERTER IGBT
- Pilot arc start increases cutting efficiency
- Easy operation and high cutting speed
- Easy arc ignition with HF
- Smooth cutting surface
- Widely used in cutting stainless steel, copper, cast iron and aluminum, etc.

Functions

Standard
- Pre/post flow
- 2T/4T [1]
- Pilot arc [2]
- O.H.&O.C. protection
- Euro connector [2]

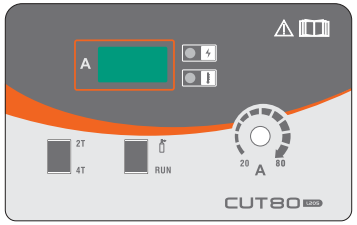
Optional
- CNC interface [2]
- Non HF [2]

[1] Optional for CUT40
[2] Not available for CUT40

Accessories

Standard
- 1 pc 5m Jg40 (Pt31) torch (CUT40)
- 1 pc 5m P80 torch
- 1 set of 300A earth clamp+10mm²×3m cable+quick plug (CUT60)
- 1 set of 300A earth clamp+10mm²×3m cable+quick plug (CUT80/CUT100)





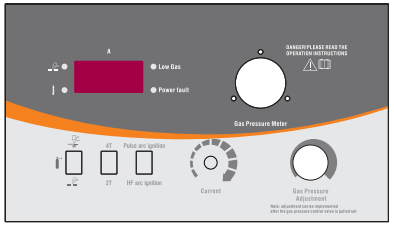
	CUT40 L207	CUT60 L224	CUT80 L225
Input power source	1~AC230V±15% 50/60Hz	3~AC380V±15% 50/60Hz	3~AC380V±15% 50/60Hz
Rated input current (A)	32.6	11.4	15.9
Rated input power capacity (kVA)	7.5	7.9	11.3
Output current range (A)	20~40	20~60	20-80
Post-flow time (S)	10	10	10
Arc starting	HF contact	HF	HF
No-load voltage (V)	310	290	290
Rated duty cycle (%) @40°C	40	40	40
Quality cut thickness (mm)	8	16	20
Efficiency (%)	85	85	85
Power factor (cosφ)	0.6	0.9	0.9
Protection class	IP21S	IP21S	IP21S
Insulation class	F	F	F
Dimensions (mm)	415×155×315	540×250×380	540×250×380
Weight (Kg)	7.8	14.5	15

PRO

Direct Current Output | 50/60 Hz Input Power Source | Forced Air Cooling | Energy Saving And Environment Friendly

Features

- INVERTER IGBT
- Easy arc ignition with HF
- Widely used in cutting stainless steel, copper, cast iron and aluminum, etc.
- Smooth cutting surface, high cutting speed
- Digital control technology enhances performance
- Compatible with auto cut equipment



Functions

Standard
- Pre/post flow
- 2T/4T
- Pilot arc
- O.H. & O.V. & O.C. & U.V.

Optional
- CNC interface

Accessories

Standard
- 1 pc 5m P80 torch
- 1 set of 300A earth clamp+10mm²×3m cable+quick plug



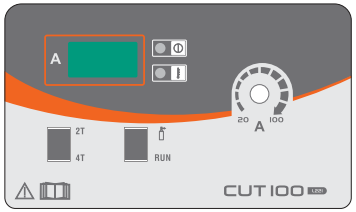
	CUT125 L312	CUT125 L315
Input power source	3~AC380V±15% 50/60Hz	3~AC380V±15% 50/60Hz
Rated input current (A)	27.2	27.2
Rated input power capacity (kVA)	20	20
Output current range (A)	20~100	20~100
Post-flow time (S)	10	10
Arc starting	HF	HF
No-load voltage (V)	315	315
Rated duty cycle (%) @40°C	60	60
Quality cut thickness (mm)	25	25
Efficiency (%)	85	85
Power factor (cosφ)	0.9	0.9
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	568×259×446	568×259×446
Weight (Kg)	27	27

ELITE

Direct Current Output | 50/60 Hz Input Power Source | Forced Air Cooling | Energy Saving And Environment Friendly

Features

- INVERTER IGBT
- Easy arc ignition with HF
- Widely used in cutting stainless steel, copper, cast iron and aluminum, etc.
- Smooth cutting surface, high cutting speed
- Digital control technology enhances performance
- Compatible with auto cut equipment



Functions

Standard
- Pre/post flow
- 2T/4T
- Pilot arc
- O.H. & O.V. & O.C. & U.V.

Optional
- CNC interface
- Non HF



Accessories

Standard
- 1 pc 5m P80 torch
- 1 set of 300A earth clamp+10mm^2×3m cable+quick plug

	CUT100 L221
Input power source	3~AC380V±15% 50/60Hz
Rated input current (A)	27.2
Rated input power capacity (kVA)	20
Output current range (A)	20~100
Post-flow time (S)	10
Arc starting	HF
No-load voltage (V)	315
Rated duty cycle (%) @40°C	60
Quality cut thickness (mm)	25
Efficiency (%)	85
Power factor (cosφ)	0.9
Protection class	IP21S
Insulation class	F
Dimensions (mm)	568×259×446
Weight (Kg)	27

Direct Current Output | 50/60 Hz Input Power Source | On-demand Fan | Energy Saving And Environment Friendly

Features

- CUT80DN features single-phase AC220V/380V input, offering strong adaptability to various power grids.
- Standard features include continuous cutting, mesh cutting, and manual metal arc welding, making it suitable for various applications.
- Works with integrated air compressors or external compressors. The built-in option can also power other air equipment.
- Patented gas circuit cooling design extends the service life of wearing parts
- Enlarged wheels and retractable handle for high mobility





Functions

Standard
- 2T/4T
- Pilot arc
- O.H. & O.V (CUT130N/CUT100N)

Accessories

Standard
- 1 pc of 10m P80 cutting torch
- 1 set of ground clamp

Model	CUT80DN(L233)		CUT100N(L232)	CUT130N(L231)
Input power	I~ AC220V±15% 50/60Hz	I~ AC380V±15% 50/60Hz	3~AC380V±15 % 50/60Hz	3~AC380V±15 % 50/60Hz
Rated input capacity (kVA)	7.5	10	15	23
Power factor	≥ 0.7	≥ 0.7	≥ 0.7	≥ 0.7
Efficiency	≥ 85%	≥ 85%	≥ 85%	≥ 85%
Duty cycle	30%	30%	30%	30%
No-load voltage for CUT (V)	310	280	296	300
No-load voltage for MMA (V)	70	63	78	78
Rated max. output for CUT (A/V)	45/98	60/104	80/112	100/120
Rated max. output for MMA (A/V)	160/26.4	200/28	250/30	250/30
Cutting current range (A)	20-45	20-60	20-80	20-100
MMA welding current range (A)	50-160	50-200	50-250	50-250
Output characteristic	CC	CC	CC	CC
Cooling method	Air cooling	Air cooling	Air cooling	Air cooling
Working temperature range (°C)	-10 ~ +40	-10 ~ +40	-10 ~ +40	-10 ~ +40
Storage temperature range (°C)	-25 ~ +55	-25 ~ +55	-25 ~ +55	-25 ~ +55
Protection class	IP21S	IP21S	IP21S	IP21S
Insulation class	H	H	H	H
Dimension (mm)	690*690*650	690*690*650	690*690*650	690*690*650
Weight (Kg)	53	53	55	61



NOTE

NOTE

NOTE