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ZHEJIANG PONEY ELECTRIC CO.,LTD.

Add: 317500, Shiqiaotou Town, Wenling City,

Zhejiang Province, China

Tel: +86 0576 81628288

Fax: +86 0576 81628338

Mail: admin@chinaponey.com

sales@chinaponey.com

www.chinaponey.com

2025



WELDING MACHINE

ZHEJIANG PONEY ELECTRIC
CO.,LTD.

CATALOG





ABOUT US

YEAR OF ESTABLISHMENT :2009

LOCATION : WENLING.CHINA

FACTORY SQUARE : 8000m²

PRODUCTS : Welding Machine,Cutting Machine ,
Car Battery Charger

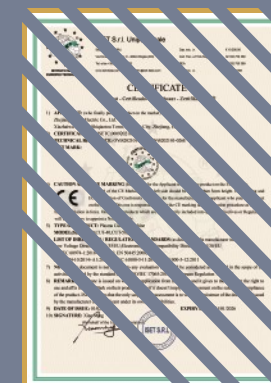
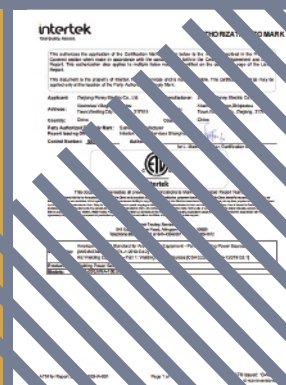
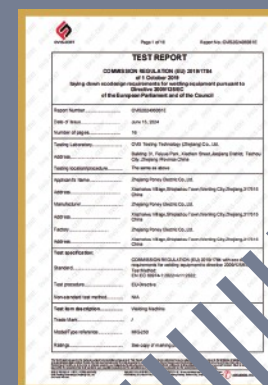
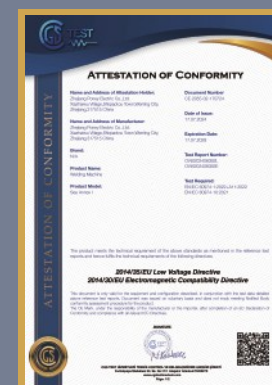
HONORS : “TAIZHOU BRRAND PRODUCT”,
“NATIONAL HIGH-TECH INTERPRISE”

CERTIFICATE : CE,RoHS,ETL,GS,ERD,BSCI,
ISO 9001, ISO14001:2015

CERTIFICATE



PONEY enterprise is able to assure its clients the very best in terms of quality, reliability and safety, the sound management and expertise of technology secured the possession of all the most important product certifications BSCI, ISO, CE, GS, ETL, CCC , ROHS, and others.

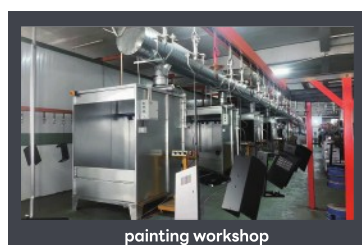




PROFILE

PONEY limited has positioned itself as a leading manufacturer engaging in the production of welding machine, air plasma cutting machine and car battery charger. A large selection of products in ground-breaking technology, unique and modern designs make our company a competent partner for industry and trade. We have the expertise to provide efficient and effective solutions for our valuable clients and help creating value. PONEY is highly flexible to offer tailored OEM services.

Since establishment in 2009, PONEY has developed a highly matured system for manufacturing, R&D, after sale services and logistics. Continuous innovations, state-of-the-art facilities which guarantee superior quality, reliability and safety. Maintain ingenuity in each and every detail of products.



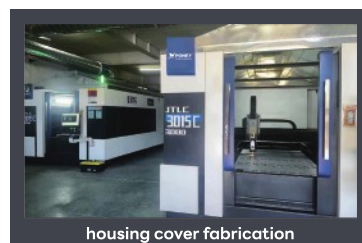
painting workshop



modern testing equipment



wave-soldering



housing cover fabrication



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MIG(GMAW) SYNERGIC PROCESSING DIGITAL SIGNAL CONTROL



STT

High Speed
Double Pulse
Single Pulse

MAGICMIG-350DP MAGICMIG-500DP

- Advanced digital signal control SYNERGIC processing.
- Double pulse / Single pulse.
- Separate wire feeder .
- Water cooling .
- Multi-process :MIG , MAG ,FLUX ,MIG synergy , MIG single pulse , MIG double pulse , High speed MIG single pulse , High speed MIG double pulse , TIG LIFT, spot welding . MMA .
- Applicable for materials :iron , cast iron , carbon steel , Er316, Er308 , aluminum 100% ,AlMg5, AISi5, CuSi3, etc .
- Save/load up to 20 jobs .
- Remote loading on welding torch for 5 jobs .
- Welding thickness selectable .
- Versatile functions :Hot start , arc force , anti-stick , burn back , inductance , VRD , 2T,4T, short circuit protection , thermal protection .
- High efficiency and precise welding for demanding and quality welding job.
- Moving wheels and trolley.

VOLTAGE
OPTION **220/380/440V**



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
MAGICMIG-350DP	380V±15% 50/60Hz	18	70	30-350	0.8-1.6	1.6-5.0	100
MAGICMIG-500DP	380V±15% 50/60Hz	27	70	30-500	0.8-1.6	1.6-6.0	100

MIG(GMAW)
DIGITAL SIGNAL CONTROL



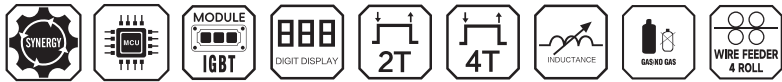
EXPCMIG-350
EXPCMIG-500

VOLTAGE
OPTION 220/380/440V



- Advanced digital signal control SYNERGIC processing.
- Seperate wire feeder .
- Water cooling(OPTIONAL) .
- Multi-process :MIG SYNERGY , MIG MANUAL ,GOUGING , MMA.
- Versatile functions : ARC force, burn back , inductance , 2T,4T, crater current adjustable , crater voltage adjustable , short circuit protection , thermal protection .
- Applicable for materials :iron , cast iron , carbon steel , Er316, Er308 .
- High efficiency and precise welding for demanding and quality welding job.
- Moving wheels and trolley

PARAMETERS



Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
EXPCMIG-350	380V ±15% 50/60Hz	15.5	73	30-350	1.0-1.6	1.6-5.0	60
EXPCMIG-500	380V ±15% 50/60Hz	20	73	30-500	1.0-1.6	1.6-6.0	60

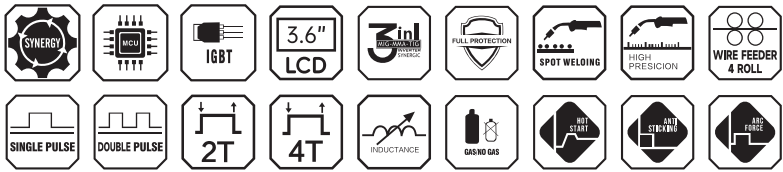
MIG(GMAW)
SYNERGIC PROCESSING
DIGITAL SIGNAL CONTROL



MIG-200DP
MIG-250DP

VOLTAGE
OPTION 110 /220V

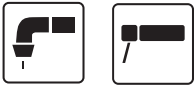
- Advanced digital signal control SYNERGIC processing. Save 35 Jobs.
- Double pulse / Single pulse.
- Multi-process :MIG , MAG ,FLUX , MIG synergy , MIG single pulse , MIG double pulse , TIG LIFT , spot welding . MMA .
- Applicable for materials :iron , cast iron , carbon steel , Er316, Er308 , aluminum 100% ,AlMg5, AISi5, CuSi3, etc .
- Versatile functions :Hot start , arc force , anti-stick , burn back , inductance , VRD , 2T,4T, short circuit protection , thermal protection .
- High efficiency and precise welding for demanding and quality welding job.
- Moving wheels and trolley .



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
MIG-200DP	220V ±15% 50/60Hz	7.0	70	30-200	0.8-1.2	1.6-4.0	40
MIG-250DP	220V ±15% 50/60Hz	9.5	70	30-220	0.8-1.2	1.6-5.0	40
MIG-250DP	220/380V ±15% 50/60Hz	9.5	70	30-250	0.8-1.2	1.6-5.0	40
MIG-250DP	380V ±15% 50/60Hz	9.5	70	30-250	0.8-1.2	1.6-5.0	40

MIG(GMAW)
ANALOGY INVERTER



MIG-200N
MIG-250N
MIG-350NF
MIG-500NF

- Inverter technology .
- Multi-process MIG, MAG , FLUX, MMA.
- Versatile functions :Hot start , arc force , anti-stick , inductance , thermal protection .
- Professional welding for carbon steel , iron , cast iron , stainless steel.
- Moving wheels and trolley .

PARAMETERS



Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
MIG-200N	220V ±15% 50/60Hz	7.0	56	30-200	0.8-1.2	1.6-4.0	40
MIG-250N	220V ±15% 50/60Hz	9.5	68	30-250	0.8-1.2	1.6-5.0	40
MIG-350NF	380V ±15% 50/60Hz	16	68	30-350	0.8-1.4	1.6-5.0	40
MIG-500NF	380V ±15% 50/60Hz	28	72	30-500	0.8-1.6	1.6-5.0	60

MIG(GMAW)
SYNERGIC PROCESSING
DIGITAL SIGNAL CONTROL

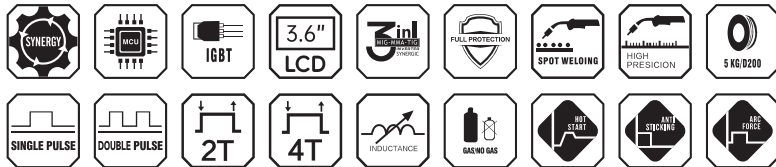


MIG-200DP-X
MIG-200-X

VOLTAGE
OPTION 110 /220V

- Advanced digital signal control SYNERGIC processing. Save 35 Jobs.
- Double pulse / Single pulse.
- Multi-process :MIG , MAG ,FLUX , MIG synergy , MIG single pulse , MIG double pulse , TIG LIFT , spot welding . MMA .
- Applicable for materials :iron , cast iron, carbon steel , Er316, Er308 , aluminum 100% ,AlMg5, AISi5, CuSi3, etc .
- Versatile functions :Hot start , arc force , anti-stick , burn back , inductance , VRD , 2T,4T, short circuit protection , thermal protection .
- High efficiency and precise welding for demanding and quality welding job.

PARAMETERS



Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
MIG-200DP-X	220V ±15% 50/60Hz	7.0	70	30-200	0.8-1.2	1.6-4.0	60
MIG-200-X	220V ±15% 50/60Hz	7.0	70	30-200	0.8-1.2	1.6-4.0	60

MIG(GMAW)
SYNERGIC PROCESSING
DIGITAL SIGNAL CONTROL

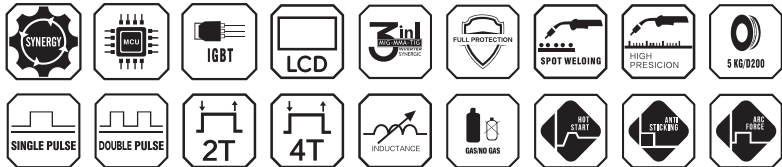


MIG-200STT

STT ADVANCED WELDING PROCESS

- Advanced digital signal control SYNERGIC processing.
- 4.5 LCD full HD display
- Double pulse / Single pulse.
- Multi-process :STT, MIG , MAG ,FLUX , MIG synergy , MIG single pulse , MIG double pulse , TIG LIFT , spot welding . MMA .
- Applicable for materials :iron , case iron , carbon steel , Er316, Er308 , aluminum 100% ,AlMg5, AISi5, CuSi3, etc .
- Versatile functions :Hot start , arc force , anti-stick , burn back , inductance , VRD , 2T,4T, short circuit protection , thermal protection .
- High efficiency and precise welding for demanding and quality welding job.

HIGH-SPEED GMAW
HIGH- SPEED PULSE
HIGH- SPEED DOUBLE PULSE
HIGH- SPEED VERTICAL WELDING
HIGH- SPEED ROOT WELDING
HIGH- SPEED COLD WELDING



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
MIG-200STT	220V ±15% 50/60Hz	7.0	70	30-200	0.8-1.2	1.6-4.0	60

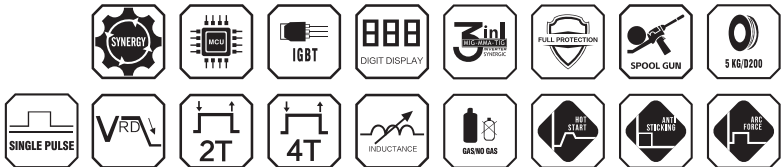
MIG(GMAW)
SYNERGIC PROCESSING
DIGITAL SIGNAL CONTROL



MIG-160-AM
MIG-180-AM
MIG-200-AM

VOLTAGE OPTION 110 /220V

- Advanced digital signal control SYNERGIC processing.
- Single pulse.
- Multi-process :MIG , MAG ,FLUX , TIG LIFT , MMA .
- Applicable for materials :iron , carbon steel ,cast iron, Er316, Er308 , AlMg5, AISi5, etc .
- Versatile functions :Hot start , arc force , anti-stick , burn back , inductance , VRD , 2T,4T, short circuit protection , thermal protection .
- Compatible with spool gun .



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
MIG-160-AM	220V ±15% 50/60Hz	5.5	56	30-160	0.6-1.2	1.6-3.2	40
MIG-180-AM	220V ±15% 50/60Hz	6.4	56	30-180	0.6-1.2	1.6-4.0	40
MIG-200-AM	220V ±15% 50/60Hz	7.0	56	30-200	0.6-1.2	1.6-4.0	40

MIG(GMAW)
SYNERGIC PROCESSING
DIGITAL SIGNAL CONTROL

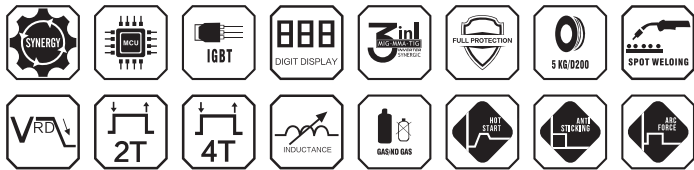


MIG-180PRO
MIG-200PRO

- Advanced digital signal control SYNERGIC processing.
- Multi-process :MIG , MAG ,FLUX , TIG LIFT , MMA .
- Applicable for materials :iron ,cast iron, carbon steel ,AlMg5, AISi5 .
- Versatile functions :Hot start , arc force , anti-stick , burn back , inductance , VRD , 2T,4T, short circuit protection , thermal protection .

PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
MIG-180PRO	220V ± 15% 50/60Hz	6.1	56	30-180	0.8-1.0	1.6-3.2	40
MIG-200PRO	220V ± 15% 50/60Hz	7.0	56	30-200	0.8-1.0	1.6-4.0	40



MIG(GMAW)
SYNERGIC PROCESSING
DIGITAL SIGNAL CONTROL



MIG-140T
MIG-160T
MIG-180T
MIG-200T

- Advanced digital signal control SYNERGIC processing.
- Multi-process :MIG , MAG ,FLUX , TIG LIFT , MMA .
- Applicable for materials :iron ,cast iron, carbon steel.
- Effortless one touch setup , easy for using .
- Versatile functions :Hot start , arc force , anti-stick, short circuit protection , thermal protection .

PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
MIG-140T	220V ± 15% 50/60Hz	4.5	56	30-140	0.8-1.0	1.6-3.2	40
MIG-160T	220V ± 15% 50/60Hz	5.3	56	30-160	0.8-1.0	1.6-4.0	40
MIG-180T	220V ± 15% 50/60Hz	6.1	56	30-180	0.8-1.0	1.6-4.0	40
MIG-200T	220V ± 15% 50/60Hz	7.0	56	30-200	0.8-1.0	1.6-4.0	40



MIG(GMAW)
SYNERGIC PROCESSING
DIGITAL SIGNAL CONTROL



MIG-140SNY
MIG-160SNY
MIG-180SNY
MIG-200SNY

- Advanced digital signal control SYNERGIC processing.
- Multi-process :MIG , MAG ,FLUX , TIG LIFT , MMA .
- Applicable for materials :iron ,cast iron, carbon steel , AlMg5, AISi5 , etc .
- Effortless one touch setup , easy for using .
- Versatile functions :Hot start , arc force , anti-stick, short circuit protection , thermal protection .

PARAMETERS



Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40℃(%)
MIG-140SNY	220V±15% 50/60Hz	4.5	56	30-140	0.8-1.0	1.6-3.2	40
MIG-160SNY	220V±15% 50/60Hz	5.3	56	30-160	0.8-1.0	1.6-4.0	40
MIG-180SNY	220V±15% 50/60Hz	6.1	56	30-180	0.8-1.0	1.6-4.0	40
MIG-200SNY	220V±15% 50/60Hz	7.0	56	30-200	0.8-1.0	1.6-4.0	40

MIG(GMAW)
SYNERGIC PROCESSING
DIGITAL SIGNAL CONTROL



MIG-164CT

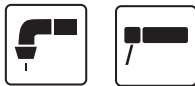
- Advanced digital signal control SYNERGIC processing, single pulse.
- Integrated Gas Regulator.
- High frequency Arc ignition for TIG
- Effortless one touch setup , easy for using .
- Multi-process :MIG , MAG ,FLUX , CUT , MMA , TIG.
- Applicable for materials :iron , cast iron,carbon steel , stainless steel , AlMg5, AISi5 , etc .
- Versatile functions :Hot start , arc force , anti-stick, short circuit protection , thermal protection .

PARAMETERS



Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Cutting current (A)	Wire diameter (mm)	Electrode diameter (mm)	Cutting thickness (mm)	Duty cycle 40℃(%)
MIG-164CT	220V±15% 50/60Hz	5.3	56	30-160	20-40	0.8-1.0	1.6-4.0	1-12	60

MIG(GMAW)
ANALOGY INVERTER



MIG-140E
MIG-160E
MIG-160N1
MIG-180N1
MIG-200N1

- Inverter technology.
- Multi-process MIG, MAG, FLUX, MMA.
- Versatile functions :Hot start, arc force, anti-stick, inductance, thermal protection.
- Professional welding for carbon steel, iron, cast iron.

PARAMETERS



Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
MIG-140E	220V ±15% 50/60Hz	4.5	56	30-140	0.8-1.0	1.6-3.2	40
MIG-160E	220V ±15% 50/60Hz	5.3	56	30-160	0.8-1.0	1.6-4.0	40
MIG-160N1	220V ±15% 50/60Hz	5.3	56	30-160	0.8-1.0	1.6-4.0	40
MIG-180N1	220V ±15% 50/60Hz	6.1	56	30-180	0.8-1.0	1.6-4.0	40
MIG-200N1	220V ±15% 50/60Hz	7.0	56	30-200	0.8-1.0	1.6-5.0	40

MIG(GMAW)
SYNERGIC PROCESSING
DIGITAL SIGNAL CONTROL

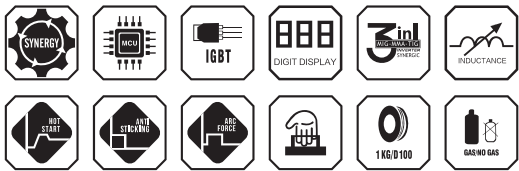


MINI MIG-140EX

- Advanced digital signal control SYNERGIC processing.
- LED screen
- Multi-process :MIG, MAG, FLUX, TIG LIFT, MMA.
- Easy operation
- Applicable for materials :iron, cast iron, carbon steel.
- Effortless one touch setup, easy for using.
- Versatile functions :Hot start, arc force, anti-stick, VRD, inductance, short circuit protection, thermal protection.

VOLTAGE OPTION110V

VOLTAGE OPTION110 /220V



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
mini MIG-140EX	220V ±15% 50/60Hz	4.5	56	30-140	0.6-1.0	1.6-3.2	40

MIG(GMAW)
SYNERGIC PROCESSING
DIGITAL SIGNAL CONTROL



MINI MIG-140SNY

- Advanced digital signal control SYNERGIC processing.
- Multi-process :MIG , MAG ,FLUX , TIG LIFT , MMA .
- Applicable for materials :iron ,cast iron, carbon steel .
- Effortless one touch setup , easy for using .
- Versatile functions :Hot start , arc force , anti-stick, short circuit protection , thermal protection .

PARAMETERS



Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
mini MIG-140SNY	220V ±15% 50/60Hz	4.5	56	30-140	0.8-1.0	1.6-3.2	40

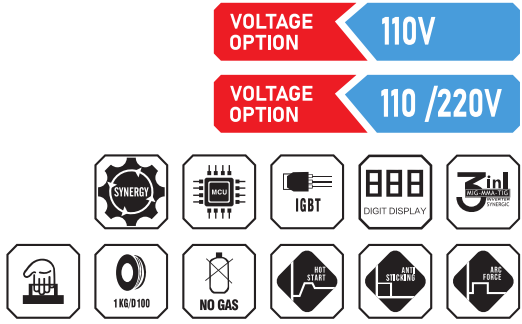
MIG(GMAW)
SYNERGIC PROCESSING
DIGITAL SIGNAL CONTROL



FCW-120EX

- Advanced digital signal control SYNERGIC processing.
- Multi-process :FLUX , TIG LIFT , MMA .
- Applicable for materials :iron ,cast iron,mild steel .
- Effortless one touch setup , easy for using .
- Versatile functions :Hot start , arc force , anti-stick,VRD, short circuit protection , thermal protection .

PARAMETERS



Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
FCW-120EX	220V ±15% 50/60Hz	3.7	56	30-120	0.8-1.0	1.6-2.5	40

MIG(GMAW)
SYNERGIC PROCESSING
DIGITAL SIGNAL CONTROL



FCW-120RD

- Advanced digital signal control SYNERGIC processing.
- Multi-process :FLUX , TIG LIFT , MMA .
- Applicable for materials :iron ,cast iron,mild steel .
- Effortless one touch setup , easy for using .
- Versatile functions :Hot start , arc force , anti-stick, short circuit protection , thermal protection .

PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
FCW-120RD	220V ±15% 50/60Hz	3.7	56	30-120	0.8-1.0	1.6-2.5	40

MIG(GMAW)
SYNERGIC PROCESSING
DIGITAL SIGNAL CONTROL



FCW-120

- Advanced digital signal control SYNERGIC processing.
- Multi-process :FLUX , TIG LIFT , MMA .
- Applicable for materials :iron ,cast iron,mild steel .
- Effortless one touch setup , easy for using .
- Versatile functions :Hot start , arc force , anti-stick, short circuit protection , thermal protection .

PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Current range (A)	Wire diameter (mm)	Electrode diameter (mm)	Duty cycle 40°C(%)
FCW-120	220V ±15% 50/60Hz	3.7	56	30-120	0.8-1.0	1.6-2.5	40

P-620 NEW CONCEPT Smartech

DIGITAL SIGNAL PROCESSING
HANDHELD ARC WELDING MACHINE



FEATURES

- Inverter technology, IGBT transistor.
- Effortless one touch setup, easy for using.
- Arc force, hot start, anti stick, VRD.
- Hand held light weighted.
- Smoothly runs 1.6, 2.5, 3.2mm of Acid electrode, Basic electrode and Cellulosic electrode.
- Intelligent monitoring of the optimal working conditions and protections of all the components with alarms.

PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Electrode diameter (mm)	Duty cycle (%)	Net weight (Kg)
P-620	220V ± 15% 50/60Hz	5.2	65	20-110	1.6-3.2	35	1.5



P-820 NEW CONCEPT Smartech

DIGITAL SIGNAL PROCESSING
HANDHELD ARC WELDING MACHINE



FEATURES

- Inverter technology, IGBT transistor.
- Effortless one touch setup, easy for using.
- Arc force, hot start ,anti stick, VRD.
- Hand held light weighted.
- Smoothly runs 1.6, 2.5, 3.2mm of Acid electrode, Basic electrode and Cellulosic electrode.
- Intelligent monitoring of the optimal working conditions and protections of all the components with alarms.

PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Electrode diameter (mm)	Duty cycle (%)	Net weight (Kg)
P-820	220V	3.85	65	20-120	1.6-3.2	35	1.9

VOLTAGE OPTION 110V

MMA(SMAW)
INTELLIGENT
DIGITAL SIGNAL CONTROL



iARC-140SKN
iARC-160SKN
iARC-180SKN
iARC-200SKN

- Digital signal processing .
- Multi-process : MMA and TIG lift .
- Quick ignition of arc .Stable and smooth arc .
- Suitable for rutile and basic electrode.
- Versatile functions :Hot start , arc force , anti-stick, VRD ,short circuit protection , thermal protection .

PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding current (A)	Electrode diameter (mm)	Duty cycle 40℃(%)
iARC-140SKN	220V ±15% 50/60Hz	5.0	65	20-140	1.6-4.0	40
iARC-160SKN	220V ±15% 50/60Hz	5.5	65	20-160	1.6-4.0	40
iARC-180SKN	220V ±15% 50/60Hz	7.0	65	20-180	1.6-5.0	40
iARC-200SKN	220V ±15% 50/60Hz	8.0	65	20-200	1.6-5.0	40

MMA(SMAW)
INTELLIGENT
DIGITAL SIGNAL CONTROL



iARC-140
iARC-160
iARC-180
iARC-200

- Digital signal processing .
- Multi-process : MMA and TIG lift .
- Quick ignition of arc .Stable and smooth arc .
- Suitable for rutile and basic electrode.
- Versatile functions :Hot start , arc force , anti-stick, VRD ,seelp mode .short circuit protection , thermal protection .

PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding current (A)	Electrode diameter (mm)	Duty cycle 40℃(%)
iARC-140	220V ±15% 50/60Hz	5.0	65	20-140	1.6-4.0	40
iARC-160	220V ±15% 50/60Hz	5.5	65	20-160	1.6-4.0	40
iARC-180	220V ±15% 50/60Hz	7.0	65	20-180	1.6-5.0	40
iARC-200	220V ±15% 50/60Hz	8.0	65	20-200	1.6-5.0	40

MMA(SMAW)
INTELLIGENT
DIGITAL SIGNAL CONTROL

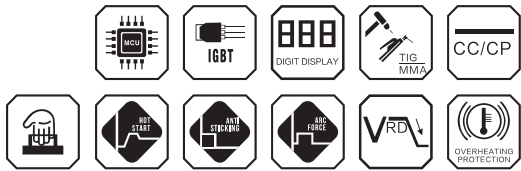


iARC-140IL
iARC-160IL
iARC-180IL
iARC-200IL
iARC-225IL

6010
6013
7018

- Digital signal processing .
- Multi-process : MMA and TIG lift .
- Quick ignition of arc .Stable and smooth arc .
- Suitable for rutile and basic electrode.
- Versatile functions :Hot start , arc force , anti-stick, VRD ,short circuit protection , thermal protection .

VOLTAGE
OPTION 110 /220V



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding current (A)	Electrode diameter (mm)	Duty cycle 40°C(%)
iARC-140IL	220V ±15% 50/60Hz	5.0	65	20-140	1.6-4.0	40
iARC-160IL	220V ±15% 50/60Hz	5.5	65	20-160	1.6-4.0	40
iARC-180IL	220V ±15% 50/60Hz	7.0	65	20-180	1.6-5.0	40
iARC-200IL	220V ±15% 50/60Hz	8.0	65	20-200	1.6-5.0	40
iARC-225IL	220V ±15% 50/60Hz	8.5	65	20-220	1.6-5.0	40

MMA(SMAW)
SMART INVERTER



MMA-120ZX
MMA-140ZX
MMA-140ZX-D

- Inverter technology .
- Quick ignition of arc .Stable and smooth arc .
- Versatile functions :Hot start , arc force , anti-stick, thermal protection .

VOLTAGE
OPTION 110V

VOLTAGE
OPTION 110 /220V



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding current (A)	Electrode diameter (mm)	Duty cycle 40°C(%)
MMA-120ZX	220V ±15% 50/60Hz	5.0	65	20-120	1.6-2.5	40
MMA-140ZX	220V ±15% 50/60Hz	5.5	65	20-140	1.6-3.2	40
MMA-140ZX-D	220V ±15% 50/60Hz	7.0	65	20-140	1.6-4.0	40

MMA(SMAW)
SMART INVERTER



MMA-160E
MMA-180E
MMA-200E

- Inverter technology .
- Quick ignition of arc .Stable and smooth arc .
- Versatile functions :Hot start , arc force , anti-stick, thermal protection .

PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding current (A)	Electrode diameter (mm)	Duty cycle 40℃(%)
MMA-160E	220V ± 15% 50/60Hz	6.0	65	20-160	1.6-4.0	40
MMA-180E	220V ± 15% 50/60Hz	7.0	65	20-180	1.6-5.0	40
MMA-200E	220V ± 15% 50/60Hz	8.0	65	20-200	1.6-5.0	40

MMA(SMAW)
SMART INVERTER



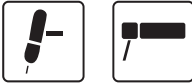
MMA-250
MMA-315
MMA-400
MMA-500

- Inverter technology .
- Multi-process : MMA and TIG lift .
- Quick ignition of arc .Stable and smooth arc .
- Robust built , strong power for heavy industry .
- Versatile functions :Hot start , arc force , VRD,anti-stick, thermal protection .

PARAMETERS

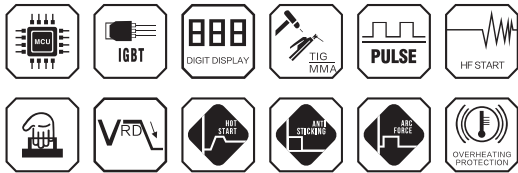
Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding current (A)	Electrode diameter (mm)	Duty cycle 40℃(%)
MMA-250	220V ± 15% 50/60Hz	9.2	60	20-210	1.6-5.0	40
MMA-315	380V ± 15% 50/60Hz	9.0	68	20-240	1.6-5.0	40
MMA-400	380V ± 15% 50/60Hz	15.0	72	20-350	1.6-5.0	60
MMA-500	380V ± 15% 50/60Hz	20	72	20-400	1.6-8.0	100

TIG(GTAW)
INTELLIGENT
DIGITAL SIGNAL CONTROL



TIG-200i

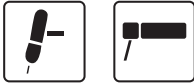
- Inverter pulse technology.
- Multi-process : TIG ,TIG pulse , MMA ,cold welding.
- High frequency arc ignition .Stable and smooth arc .
- Suitable for materials : Carbon steel , stainless steel.
- Versatile functions: Hot start , arc force , 2T. 4T , VRD , short circuit protection , thermal protection.



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding current (A)	Electrode diameter (mm)	Duty cycle 40℃(%)
TIG-200i	220V ± 15% 50/60Hz	5.5	65	15-200	1.6-4.0	40

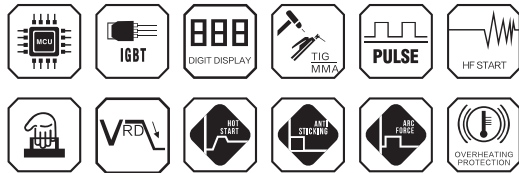
TIG(GTAW)
INTELLIGENT
DIGITAL SIGNAL CONTROL



VOLTAGE
OPTION 110 /220V

TIG-200i/PRO

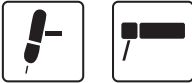
- Inverter pulse technology .
- Multi-process : TIG ,TIG pulse , MMA ,cold welding.
- Save/load welding process for high efficiency .
- High frequency arc ignition .Stable and smooth arc .
- Suitable for materials : Carbon steel , stainless steel .
- Versatile functions: Hot start , arc force , 2T. 4T , VRD , short circuit protection , thermal protection .



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding current (A)	Electrode diameter (mm)	Duty cycle 40℃(%)
TIG-200i/PRO	220V ± 15% 50/60Hz	5.5	65	15-200	1.6-4.0	40

TIG(GTAW)
INTELLIGENT
DIGITAL SIGNAL CONTROL

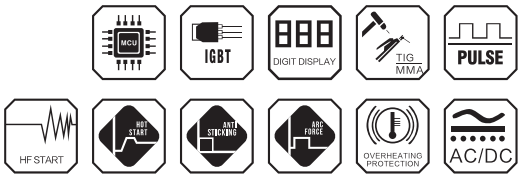


TIG-250P
TIG-280P

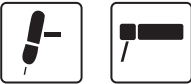
- Inverter pulse technology .
- AC/DC welding current.
- Multi-process : TIG ,TIG pulse , spot welding, MMA .
- Save/load welding process for high efficiency .
- High frequency arc ignition .Stable and smooth arc .
- Suitable for materials : Carbon steel , stainless steel , aluminum .
- Versatile functions: Hot start , arc force , short circuit protection , thermal protection .

PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding current (A)	Electrode diameter (mm)	Duty cycle 40°C(%)
TIG-250P	220V ±15% 50/60Hz	6.5	65	10-200	1.6-5.0	40
TIG-280P	220V ±15% 50/60Hz	7.0	65	10-220	1.6-5.0	40



TIG(GTAW)
SMART INVERTER

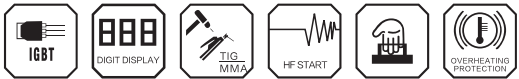


TIG-160

- Inverter technology .
- Multi-process : TIG and MMA .
- High frequency arc ignition .Stable and smooth arc .
- Suitable for materials : Carbon steel , stainless steel .

PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding current (A)	Electrode diameter (mm)	Duty cycle 40°C(%)
TIG-160	220V ±15% 50/60Hz	5.0	65	15-160	1.6-3.2	40



CUT
SMART INVERTER
AIR PLASMA CUTTING



CUT-40
CUT-60

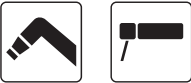
- Inverter technology .
- High frequency arc starting .
- Integral gas regulator, and pressure gauge.
- Strong and smooth cutting ability.

PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Cutting range (A)	Cutting thickness (mm)	Air pressure (bar)	Duty cycle 40 °C (%)
CUT-40	220V ± 15% 50/60Hz	6.6	270	20-40	1-10	2-3	40
CUT-60	220V ± 15% 50/60Hz	10.4	300	20-60	1-20	4-5.5	40
CUT-60/3	380V ± 15% 50/60Hz	10.4	300	20-60	1-20	4-5.5	40



CUT
SMART INVERTER
AIR PLASMA CUTTING



CUT-80
CUT-100
CUT-120

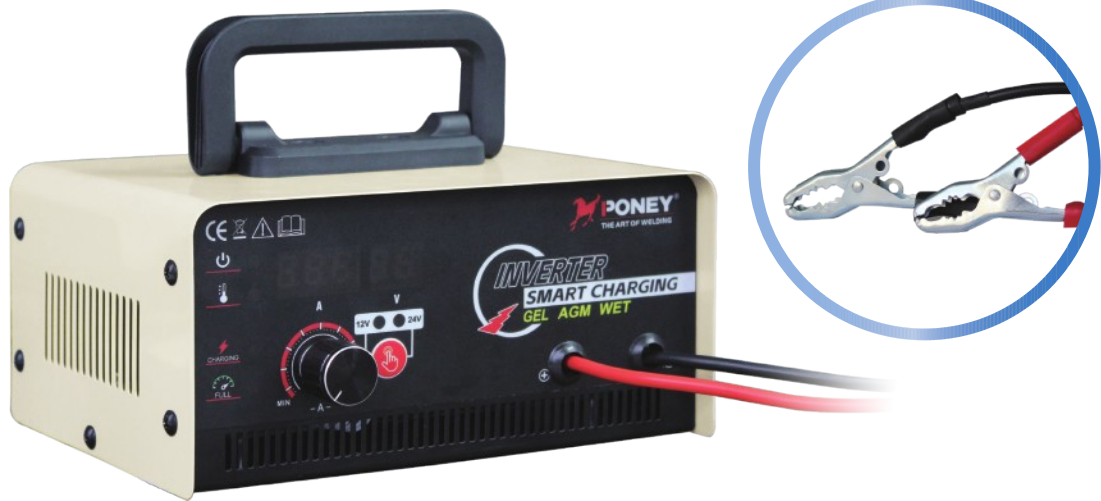
- Inverter technology.
- High frequency arc starting.
- Multi-process : CUT and MMA .
- Optional built-in air compressor .
- Strong and smooth cutting ability.

PARAMETERS

Model	Power input	No-load voltage (V)	Welding range (A)	Cutting range (A)	Cutting thickness (mm)	Air pressure (bar)	Duty cycle 40 °C (%)
CUT-80	380V ± 15% 50/60Hz	310	20-200	20-80	1-25	4-5.5	40
CUT-100	380V ± 15% 50/60Hz	310	20-250	20-100	1-30	4-5.5	40
CUT-120	380V ± 15% 50/60Hz	310	20-250	20-120	1-35	4-5.5	40



CAR BATTERY CHARGER



CHG-15
CHG-30
CHG-50

- Input:230V 50/60Hz
- Inverter IGBT technology
- Suitable for different types of batteries like AGM/GEL/WET
- Suitable for 12V/24V BATTERIES
- Thermal protection,over current protection
- Fast and safe charging
- Effortless operation
- Automatic stop after fully charged
- Portable,light weight

PARAMETERS

Model	Power input	Rated Input Power(W)	Charging Current(A)	Charging Voltage(V)	Charging Capacity(Ah)
CHG-15	220V±15% 50/60Hz	150	1-5	12/24	20-120
CHG-30	220V±15% 50/60Hz	480	1-20	12/24	20-250
CHG-50	220V±15% 50/60Hz	600	1-25	12/24	20-300

INVERTER SMART CHARGING

CAR BATTERY CHARGER



CHG-400ST
CHG-500ST
CHG-600ST
CHG-800ST

- Input:230V 50/60Hz
- Inverter IGBT technology
- Multi function for charging and starting
- Suitable for different types of batteries like AGM/GEL/WET
- Suitable for 12V/24V BATTERIES
- Thermal protection,over current protection
- Fast and safe charging
- Effortless operation
- Automatic stop after fully charged
- Portable,light weight

INVERTER SMART CHARGING

PARAMETERS

Model	Power input	Rated Input Power(W)	Boost Power consumption(W)	Charging Current(A)	starting Current(A)	Charging Voltage(V)	Charging Capacity(Ah)
CHG-400ST	220V±15% 50/60Hz	960	5800	1-40	240	12/24	20-700
CHG-500ST	220V±15% 50/60Hz	1200	8700	1-50	360	12/24	20-800
CHG-600ST	220V±15% 50/60Hz	1500	11000	1-60	450	12/24	20-1000
CHG-800ST	220V±15% 50/60Hz	1950	15000	1-80	600	12/24	20-1200

CAR BATTERY CHARGER



CB-10
CB-15
CB-20
CB-30
CB-50
CD-30R
CD-50R

- Portable design.
- Suitable for 12/24V lead acid battery.
- Safe and fast charging / starting.

PARAMETERS

Model	Power input	Rated input power (W)	Charging current (A)	Starting current (A)	Charging voltage (V)	Charging capacity (Ah)
CB-10	220V ±15% 50/60Hz	100	5/3	/	12/24	20-90
CB-15	220V ±15% 50/60Hz	150	7/5	/	12/24	20-120
CB-20	220V ±15% 50/60Hz	200	12/8	/	12/24	20-200
CB-30	220V ±15% 50/60Hz	400	20	/	12/24	20-250
CB-50	220V ±15% 50/60Hz	500	25	/	12/24	20-300
CD-30R	220V ±15% 50/60Hz	400	30	80	12/24	20-400
CD-50R	220V ±15% 50/60Hz	600	50	180	12/24	20-700

CAR BATTERY CHARGER



CD-300
CD-400
CD-500
CD-600
CD-800
CD-1000

- Suitable for 12/24V lead acid battery.
- Safe and fast charging / starting.
- Timer alarming.

PARAMETERS

Model	Power input	Rated input power (W)	Charging current (A)	Starting current (A)	Charging voltage (V)	Charging capacity (Ah)
CD-300	220V ±15% 50/60Hz	1000	30	180	12/24	20-500
CD-400	220V ±15% 50/60Hz	1400	40	240	12/24	20-700
CD-500	220V ±15% 50/60Hz	1600	50	360	12/24	20-800
CD-600	220V ±15% 50/60Hz	2000	60	540	12/24	20-1000
CD-800	220V ±15% 50/60Hz	2200	80	650	12/24	20-1200
CD-1000	380V ±15% 50/60Hz	2400	100	1000	12/24	20-1400

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