

Welding & Cutting Equipment Catalogue



Welding & Plasma Cutting Equipment

The international symbol
Of safe welding, better welds,
Reinterpreted with
A modernized design and
A new-generation electrical engineering.
It doesn't just weld.
It welds with perfection.

MMA(ARC) INVERTERS WELDING

1	ARC-200D	1-PH
2	ARC-200N	1-PH
3	ARC-200G	1-PH
4	ARC-228D	1-PH
5	ARC-200 MOS	1-PH
6	MMA-200 i	1-PH
7	MMA-250 i	1-PH
8	MMA-300i	1-PH
9	MMA-300i(T)	3-PH
10	MMA-400G	3-PH
11	MMA-400I	3-PH
12	MMA QN 4.0T (250A)	1/2 PH
13	MMA QN 5.0T (400A)	1/2/3-PH

TIG INVERTERS WELDING

1	TIG-200GA IGBT	1-PH
2	TIG-200A MOS	1-PH
3	TIG-250D	1/2 PH
4	TIG-400IJ	3-PH

TIG INVERTERS WELDING

1	MIG-250D	1/2/3-PH
2	MIG-400 I	3-PH
3	MIG-500 I	3-PH

PLASMA INVERTERS WELDING

1	CUT 40	1-PH
2	CUT 60	1-PH
3	CUT 70E	3-PH
4	CUT 100E	3-PH
5	CUT 120	3-PH
6	CUT 160	3-PH

*Excellent weld characteristics
Easy arc start, minimal spatter
Compact size, lightweight, modern design
Improved efficiency and maintenance
Reliable, durable and consistent performance*



Input Voltage	1ph ~ AC220V±10%
Input Power (KVA)	4.58 KVA
Max Output Current (A)	140
Duty Cycle @ 40°C	60%
No Load Voltage (V)	65
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	395x153x301
Weight (kg)	5 kg

*Excellent weld characteristics
Easy arc start, minimal spatter
Compact size, lightweight, modern design
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Reliable, durable and consistent performance*



Input Voltage	1ph ~ AC220V±10%
Input Power (KVA)	4.58 KVA
Max Output Current (A)	140
Duty Cycle @ 40°C	60%
No Load Voltage (V)	65
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	395x153x301
Weight (kg)	5 kg

*Excellent weld characteristics
Easy arc start, minimal spatter
Compact size, lightweight, modern design
Improved efficiency and maintenance
Reliable, durable and consistent performance*



Input Voltage	1ph ~ AC220V±10%
Input Power (KVA)	5.24 KVA
Max Output Current (A)	160
Duty Cycle @ 40°C	60%
No Load Voltage (V)	65
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	395x153x301
Weight (kg)	5 kg

*Excellent weld characteristics
Easy arc start, minimal spatter
Compact size, lightweight, modern design
Improved efficiency and maintenance
Reliable, durable and consistent performance*



Input Voltage	1ph ~ AC220V±10%
Input Power (KVA)	5.3 KVA
Max Output Current (A)	160
VRD (V)	10V
Duty Cycle @ 40°C	60%
No Load Voltage (V)	65
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	315x120x198
Weight (kg)	5 kg

*Excellent weld characteristics
Easy arc start, minimal spatter
Compact size, lightweight, modern design
Improved efficiency and maintenance
Reliable, durable and consistent performance*



Input Voltage	1ph ~ AC220V±10%
Input Power (KVA)	4.5 KVA
Max Output Current (A)	160
Duty Cycle @ 40°C	60%
No Load Voltage (V)	58
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	395x153x301
Weight (kg)	7 kg

Portable
Excellent performance,
Simple operation,
Small and light-weight



Input Voltage	1ph ~ AC220V±10%
Input Power (KVA)	5.24 KVA
Max Output Current (A)	160
VRD (V)	14V
Duty Cycle @ 40°C	60%
No Load Voltage (V)	65
Hot Start	YES
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	342x158x283
Weight (kg)	5 kg

***Intelligent Protection, over loading or over heating
Self-adaptive Arc Force, makes welding much easier
Anti-Stick, Hot Start, ensures easy removal of the electrode***



Input Voltage	1ph ~ AC220V±10%
Input Power (KVA)	6.94 KVA
Max Output Current (A)	200
VRD (V)	24V
Duty Cycle @ 40°C	60%
No Load Voltage (V)	65
Hot Start	YES
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	383x190x330
Weight (kg)	7 kg

***Highly cost-effective, this model excels
Either on appearance or performance
At the same price level models.***



Input Voltage	1ph ~ AC220V±10%
Input Power (KVA)	9.29
Max Output Current (A)	250
VRD (V)	24V
Duty Cycle @ 40°C	80%
No Load Voltage (V)	76
Hot Start	YES
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	457*228*373
Weight (kg)	12 kg

Stable & Reliable performance, makes welding enjoyable
Remote Control (optional), enables us to weld just about anywhere
Auto compensates voltage fluctuation, takes wider voltage inputs.



Input Voltage	3ph ~ AC380V±10%
Input Power (KVA)	9.29
Max Output Current (A)	250
VRD (V)	24V
Duty Cycle @ 40°C	60%
No Load Voltage (V)	76
Hot Start	YES
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	457*228*373
Weight (kg)	12 kg

Stable & Reliable performance, makes welding enjoyable
Remote Control (optional), enables us to weld just about anywhere
Auto compensates voltage fluctuation, takes wider voltage inputs.



Input Voltage	3ph ~ AC380V±10%
Input Power (KVA)	11.89
Max Output Current (A)	300
VRD (V)	24V
Duty Cycle @ 40°C	60%
No Load Voltage (V)	76
Hot Start	YES
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	480*230*420
Weight (kg)	17 kg

Stable & Reliable performance, makes welding enjoyable
Remote Control (optional), enables us to weld just about anywhere
Auto compensates voltage fluctuation, takes wider voltage inputs.



Input Voltage	3ph ~ AC380V±10%
Input Power (KVA)	12
Max Output Current (A)	380
Duty Cycle @ 40°C	60%
No Load Voltage (V)	72
Hot Start	YES
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	490x240x460
Weight (kg)	19 kg

MMA QN 4.0T (250A) 1/2 Phase

WORKABLE INPUT: AC 60 ~ 560V
100% Arc Start; Stable Arc, Better Welds
Dedicated to weld 4.0mm rods



Input Voltage	1ph:60~560V 2ph:60~560V
Input Power (KVA)	16.6
Max Output Current (A)	200A
VRD (V)	24V
Duty Cycle @ 40°C	60%
No Load Voltage (V)	75
Hot Start	YES
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	383x190x330
Weight (kg)	7 kg

MMA QN 5.0T (400A) 1/2/3-Phase

WORKABLE INPUT: AC 60 ~ 560V
100% Arc Start; Stable Arc, Better Welds
Dedicated to weld 5.0mm rods



Input Voltage	1ph:60~560V/ 2ph:60~560V/ 3ph: 380~560V
Input Power (KVA)	7.80/14
Max Output Current (A)	200A @ 1ph/2ph; 310A @ 3ph
VRD (V)	24V
Duty Cycle @ 40°C	60%
No Load Voltage (V)	75/220V(input); 65/380V(input)
Hot Start	YES
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	457x228x373
Weight (kg)	12 kg

***HF Start
Anti-Stick, Hot Start
Stable & Reliable performance***



Input Voltage	AC220V±10% 1PH
Input Power (KVA)	TIG: 3.25/ MMA: 4.5
Max Output Current (A)	TIG:160A /MMA:160A
Duty Cycle @ 40°C	60%
No Load Voltage (V)	56
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	390x153x320
Weight (kg)	7 kg

***HF Start
Anti-Stick, Hot Start
Stable & Reliable performance***



Input Voltage	AC220V±10% 1PH
Input Power (KVA)	TIG: 3.25/ MMA: 5.3
Max Output Current (A)	TIG:160A /MMA:160A
Duty Cycle @ 40°C	60%
No Load Voltage (V)	56
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	395x153x301
Weight (kg)	9 kg

***Easy start, stable and reliable arc,
Auto compensation for voltage fluctuation,
Compact size, light weight and modern design.***



Input Voltage	1ph: AC220V±10% 2ph: AC380V±10%
Input Power (KVA)	TIG: 3.10/ MMA: 7.25
Max Output Current (A)	TIG:200A /MMA:200A
Duty Cycle @ 40°C	60%
No Load Voltage (V)	65
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	520x240x390
Weight (kg)	7 kg

Easy start, stable and reliable arc
Auto compensation for voltage fluctuation
Industrial Grade IGBT Inverter Technology



Input Voltage	AC380V±10% 3PH
Input Power (KVA)	TIG: 12.88 MMA: 17.84
Max Output Current (A)	TIG:400A /MMA:400A
Duty Cycle @ 40°C	60%
No Load Voltage (V)	76
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	480*230*420
Weight (kg)	20 kg

Excellent welding characteristics

Stable arc and reliable performance

Ideal for production, site work & maintenance

Consistently reliable performance for both MIG MAG and MMA welding processes



Input Voltage	AC180V~410V 1/2/3 PH
Input Power (KVA)	MIG:8.21/MMA:9.29
Max Output Current (A)	MIG: 250A MMA: 250A
Duty Cycle @ 40°C	60%
No Load Voltage (V)	64
Suitable For Wire (mm)	0.8/1.0
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	480*230*420
Weight (kg)	17 kg

Excellent welding characteristics

Stable arc and reliable performance

Ideal for medium to heavy duty industrial manufacturers

Consistently reliable performance for both MIG MAG and MMA welding processes



Input Voltage	AC380V±10% 3PH
Input Power (KVA)	MIG:13.66/MMA:14.74
Max Output Current (A)	MIG: 350A MMA: 350A
Duty Cycle @ 40°C	60%
No Load Voltage (V)	68
Suitable For Wire (mm)	0.8/1.0/1.2
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	535*275*470
Weight (kg)	25 kg

Excellent welding characteristics

Stable arc and reliable performance

Ideal for heavy duty industrial manufacturers

Consistently reliable performance for both MIG MAG and MMA welding processes



Input Voltage	AC380V±10% 3PH
Input Power (KVA)	MIG:24.15/MMA:24.77
Max Output Current (A)	MIG: 500A MMA: 500A
Duty Cycle @ 40°C	60%
No Load Voltage (V)	75
Suitable For Wire (mm)	1.2/1.6
Protection & Insulation	IP 21 & F
Dimensions (mm) Approx	670*395*575
Weight (kg)	32 kg

***Portable: Easy to carry
Untouched Start System, smooth arc starting with HF control
Rapid Arc Strike, Quality narrow cutting and excellent travel speed***



Input Voltage	AC220V±10% 1PH
Input Power (KVA)	4.8
Max Output Current (A)	40
Duty Cycle @ 40°C	60%
No Load Voltage (V)	230
Protection & Insulation	IP 21 & F
Clean Cut	5 mm
Max Cut	12 mm
Dimensions (mm) Approx	371x153x232
Weight (kg)	9 kg

Pilot arc start
Professional high-end cutting
Durable, Reliable cutting performance



Input Voltage	AC220V±10% 1PH
Input Power (KVA)	7.73
Max Output Current (A)	60
Duty Cycle @ 40°C	60%
No Load Voltage (V)	360
Protection & Insulation	IP 21 & F
Clean Cut	12 mm
Max Cut	20 mm
Dimensions (mm) Approx	480x230x420
Weight (kg)	18 kg

Pilot arc start
Professional high-end cutting
Durable, Reliable cutting performance



Input Voltage	AC380V±10% 3PH
Input Power (KVA)	9.37
Max Output Current (A)	70
Duty Cycle @ 40°C	60%
No Load Voltage (V)	330
Protection & Insulation	IP 21 & F
Clean Cut	15 mm
Max Cut	25 mm
Dimensions (mm) Approx	480x230x420
Weight (kg)	21 kg

Pilot arc start
Professional high-end cutting
Durable, Reliable cutting performance



Input Voltage	AC380V±10% 3PH
Input Power (KVA)	15.70
Max Output Current (A)	100
Duty Cycle @ 40°C	60%
No Load Voltage (V)	350
Protection & Insulation	IP 21 & F
Clean Cut	20 mm
Max Cut	35 mm
Dimensions (mm) Approx	535x275x470
Weight (kg)	24 kg

Pilot arc start
Professional high-end cutting
Durable, Reliable cutting performance



Input Voltage	AC380V±10% 3PH
Input Power (KVA)	20
Max Output Current (A)	120
Duty Cycle @ 40°C	60%
No Load Voltage (V)	340
Protection & Insulation	IP 21 & F
Clean Cut	25 mm
Max Cut	45 mm
Dimensions (mm) Approx	535x275x470
Weight (kg)	24 kg

***Advanced IGBT Module Technology
Intelligent Protection, over loading or over heating
Pilot Arc Start System, smooth arc starting with HF control***



Input Voltage	AC380V±10% 3PH
Input Power (KVA)	14.5
Max Output Current (A)	160
Duty Cycle @ 40°C	60%
No Load Voltage (V)	307
Protection & Insulation	IP 21 & F
Clean Cut	35
Max Cut	50
Dimensions (mm)	840x50x930
Weight (kg)	60 kg



Contact Us

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Factory Address

BMB Technology

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