

PRO MMA WELDER

PRO MMA-200(BV) | PRO MMA-220(BV)



Description:

The **PROMMA welder** is an IGBT inverter-based Full-bridge portable welding machine.

With Full-bridge design, the main components is with less load and small loss, the theoretical life time is twice than half -bridge. The protection circuit design is more complicated, comprehensive, and the failure rate is lower.

Features:

1. Simple operation interface, equipped with digital display meter, precise control of welding current, simple operation, suitable for personal, home and DIY welding

2. Friendly working with wide single voltage (230V) or Bivolt (127V/230V).

3. Inbuilt the useful function for quick ARC strike, stable and continuous arc for smooth welding.

- ☒ ANTI-STICK
- ☒ HOT-START
- ☒ ARC FORCE

4. Inbuilt Over-heat protection, Over-Load protection, and Over-Voltage protection.

5. LIFT TIG function is optional. (If you need this function, please consult our sales in advanced.)

6. Adopt the TURBO AIR technology, brings the higher cooling efficiency, and makes it longer working cycle for all-day jobs.



*** CEL line is specially designed for Cellulosic Electrode (E6010 / E6011) welding. With its unique characters of OCV transformer, it allows the power source lower to 60V (127V) or 160V (230V) input for outdoor long cable connect and generator power supply.

Capable of welding wide range of materials:

- ☒ Carbon Steel
- ☒ Stainless Steel
- ☒ Copper, Nickel and their Alloys.

● STICK(SMAW)

○ DC TIG (LIFT)

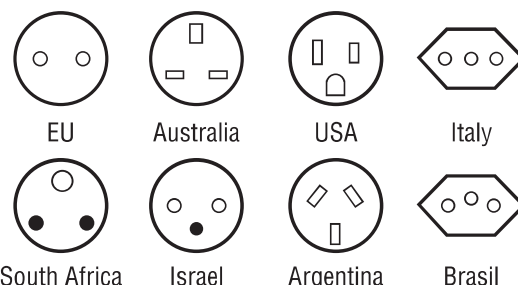
Standard Accessories:

- 1x 300A Electrode Holder with 2m cable
- 1x 300A Ground Clamp with 2m cable
- 1x Welding Mask
- 1x Brush/Hammer

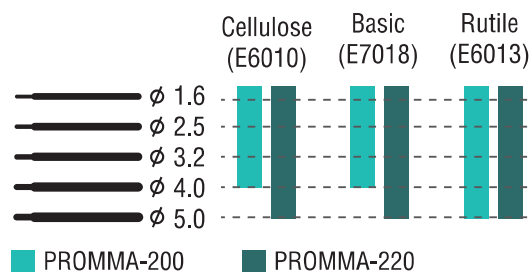
Optional Accessories:

- ☐ Welding Helmet PRO400
- ☐ Welding Glove
- ☐ Electrodes E6013
- ☐ LIFT TIG TORCH WP17V with 4m cable

Power Plug Options:



Electrode Welding Capability



Product Specification

Model	50/60Hz	1max	STICK	Duty Cycle (X%)		OCV	LIFT TIG	ANTI STICK	HOT START	ARC FORCE	Rod Max.	Thickness	INPUT POWER	LxWxH(cm)	KG
				100%	60%										
PROMMA-200 (BV)	1ph-230V	31.8A	20-200A	155A	200A	63V or 80V(CEL)	○	●	●	●	Ø 5.0mm	5.0mm	7.1KW	34x14x25	2.6
	1ph-110V	35.6A	20-125A	125A	-										
PROMMA-220 (BV)	1ph-230V	34.9A	20-215A	170A	215A	63V or 80V(CEL)	○	●	●	●	Ø 6.0mm	6.0mm	7.9KW	34x14x25	2.6
	1ph-110V	35.6A	20-125A	125A	-										

PLUS MMA WELDER

PLUS MMA-160(BV) | PLUS MMA-180(BV) | PLUS MMA-200(BV)



Description:

The **PLUSMMA welder** is an IGBT inverter-based Full-bridge portable welding machine.

With Full-bridge design, the main components is with less load and small loss, the theoretical life time is twice than half -bridge. The protection circuit design is more complicated, comprehensive, and the failure rate is lower.

Features:

1. Simple operation interface, equipped with digital display meter, precise control of welding current, simple operation, suitable for personal, home and DIY welding

2. Friendly working with wide single voltage (230V) or Bivolt (127V/230V).

3. Inbuilt the useful function for quick ARC strike, stable and continuous arc for smooth welding.

- ☒ ANTI-STICK
- ☒ HOT-START
- ☒ ARC FORCE

4. Inbuilt Over-heat protection, Over-Load protection, and Over-Voltage protection.

5. LIFT TIG function is optional. (If you need this function, please consult our sales in advanced.)

6. Adop the high speed fan, it makes the high duty cycle 60% for long-time working jobs.



*** CEL line is specially designed for Cellulosic Electrode (E6010 / E6011) welding. With its unique characters of OCV transformer, it allows the power source lower to 60V (127V) or 160V (230V) input for outdoor long cable connect and generator power supply.

Capable of welding wide range of materials:

- ☒ Carbon Steel
- ☒ Stainless Steel
- ☒ Copper, Nickel and their Alloys.

● STICK(SMAW)

○ DC TIG (LIFT)

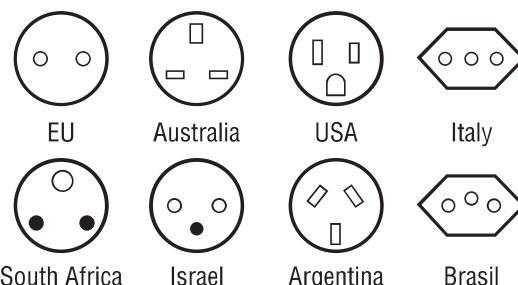
Standard Accessories:

- 1x 200A Electrode Holder with 2m cable
- 1x 300A Ground Clamp with 2m cable
- 1x Welding Mask
- 1x Brush/Hammer

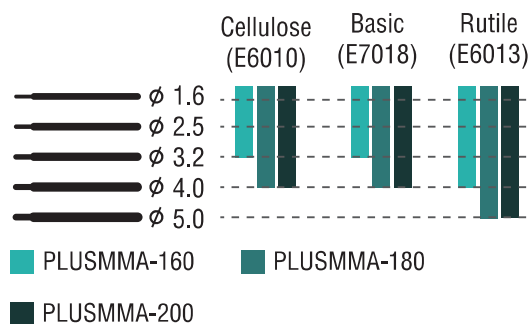
Optional Accessories:

- Welding Helmet PRO400
- Welding Glove
- Electrodes E6013
- LIFT TIG TORCH WP17V with 4m cable

Power Plug Options:



Electrode Welding Capability



Product Specification

Model	50/60Hz	I _{max}	STICK	Duty Cycle (X%)		OCV	Lift TIG	ANTI STICK	HOT START	ARC FORCE	Rod Max.	Thickness	INPUT POWER	LxWxH(cm)	KG
				100%	60%										
PLUSMMA-160 (BV)	1ph-230V	24.0A	20-160A	124A	160A	63V or 80V(CEL)	○	●	●	●	ø 4.0mm	4.0mm	5.3KW	34x14x25	2.5
	1ph-110V	33.8A	20-120A	93A	120A										
PLUSMMA-180 (BV)	1ph-230V	27.8A	20-180A	139A	180A	63V or 80V(CEL)	○	●	●	●	ø 5.0mm	5.0mm	6.5KW	34x14x25	2.5
	1ph-110V	33.8A	20-120A	93A	120A										
PLUSMMA-200 (BV)	1ph-230V	31.8A	20-200A	155A	200A	63V or 80V(CEL)	○	●	●	●	ø 5.0mm	5.0mm	7.1KW	34x14x25	2.5
	1ph-110V	33.8A	20-120A	93A	120A										

ECO MMA WELDER

ECO MMA-140(BV) | ECO MMA-160(BV) | ECO MMA-180(BV)



Description:

The **ECOMMA welder** is an IGBT inverter-based Half-bridge portable welding machine.

Comparing with Full-bridge structure, it can make the equipment with smaller dimension and lighter weight for portable, meanwhile it reduces the cost of components. However, the quality is still reliable for daily jobs.

Features:

1. Simple operation interface, equipped with digital display meter, precise control of welding current, simple operation, suitable for personal, home and DIY welding

2. Friendly working with wide single voltage (230V) or Bivolt (127V/230V).

3. Inbuilt the useful function for quick ARC strike, stable and continuous arc for smooth welding.

- ☒ ANTI-STICK
- ☒ HOT-START
- ☒ ARC FORCE

4. Inbuilt Over-heat protection, Over-Load protection, and Over-Voltage protection.

5. LIFT TIG function is optional. (If you need this function, please consult our sales in advanced.)

*** **CEL line is specially designed for Cellulosic Electrode (E6010 / E6011) welding.** With its unique characters of OCV transformer, it allows the power source lower to 60V (127V) or 160V (230V) input for outdoor long cable connect and generator power supply.

Capable of welding wide range of materials:

- ☒ Carbon Steel
- ☒ Stainless Steel
- ☒ Copper, Nickel and their Alloys.

● STICK(SMAW)

○ DC TIG (LIFT)

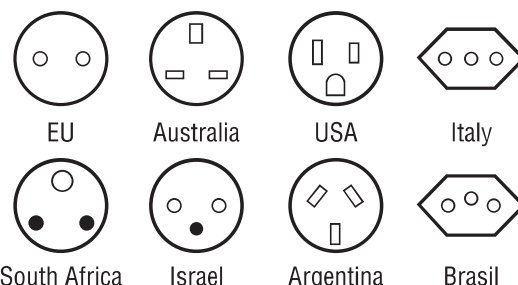
Standard Accessories:

- 1x 200A Electrode Holder with 2m cable
- 1x 300A Ground Clamp with 2m cable
- 1x Welding Mask
- 1x Brush/Hammer

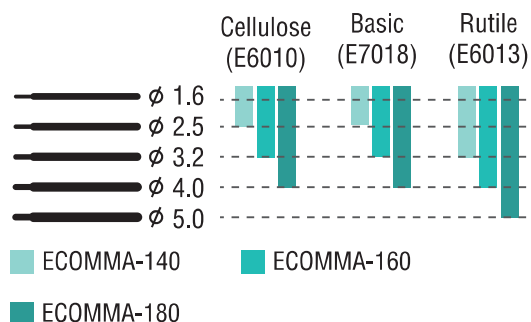
Optional Accessories:

- Welding Helmet PRO400
- Welding Glove
- Electrodes E6013
- LIFT TIG TORCH WP17V with 4m cable

Power Plug Options:



Electrode Welding Capability



Product Specification

Model	50/60Hz	I _{max}	STICK	Duty Cycle (X%)		OCV	LIFT TIG	ANTI STICK	HOT START	ARC FORCE	Rod Max.	Thickness	INPUT POWER	LxWxH(cm)	KG
				100%	60%										
ECOMMA-140 (BV)	1ph-230V	20.4A	20-140A	108A	140A	63V or 80V(CEL)	○	●	●	●	ø 3.2mm	4.0mm	4.5KW	30x14x26	2.2
	1ph-110V	27.2A	20-100A	95A	-										
ECOMMA-160 (BV)	1ph-230V	24.0A	20-160A	124A	160A	63V or 80V(CEL)	○	●	●	●	ø 4.0mm	5.0mm	5.3KW	30x14x26	2.2
	1ph-110V	27.2A	20-100A	95A	-										
ECOMMA-180 (BV)	1ph-230V	27.8A	20-160A	124A	180A	63V or 80V(CEL)	○	●	●	●	ø 5.0mm	5.0mm	6.1KW	30x14x26	2.2
	1ph-110V	33.8A	20-120A	93A	120A										

MINI MMA WELDER

MINI MMA-100(BV) | MINI MMA-120(BV) | MINI MMA-140(BV)



Description:

The **MINIMMA welder** is an IGBT inverter-based Half-bridge portable welding machine.

Comparing with Full-bridge structure, it can make the equipment with smaller dimension and lighter weight for portable, meanwhile it reduces the cost of components. However, the quality is still reliable for daily jobs.

Features:

1. Simple operation interface, equipped with digital display meter, precise control of welding current, simple operation, suitable for personal, home and DIY welding

2. Friendly working with wide single voltage (230V) or Bivolt (127V/230V).

3. Inbuilt the useful function for quick ARC strike, stable and continuous arc for smooth welding.

- ☒ ANTI-STICK
- ☒ HOT-START
- ☒ ARC FORCE

4. Inbuilt Over-heat protection, Over-Load protection, and Over-Voltage protection.

5. LIFT TIG function is optional. (If you need this function, please consult our sales in advanced.)

Capable of welding wide range of materials:

- ☒ Carbon Steel
- ☒ Stainless Steel
- ☒ Copper, Nickel and their Alloys.

Light Industry

1

Phase

DC

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CC

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- STICK(SMAW)
- DC TIG (LIFT)

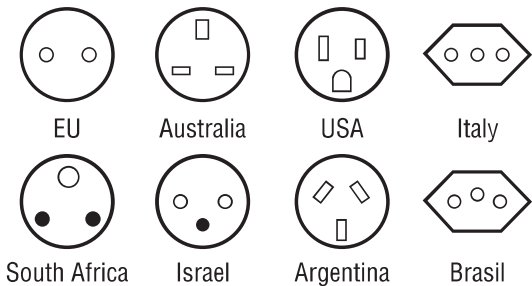
Standard Accessories:

- 1x 200A Electrode Holder with 1.5m cable
- 1x 200A Ground Clamp with 1.5m cable
- 1x Welding Mask
- 1x Brush/Hammer

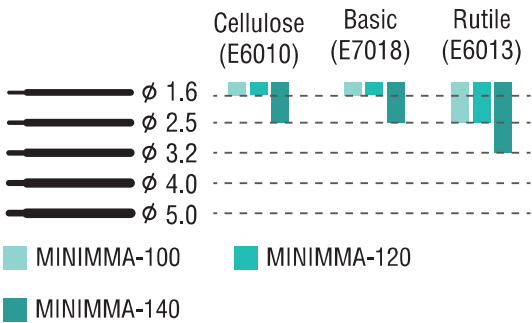
Optional Accessories:

- ☐ Welding Helmet PRO400
- ☐ Welding Gloove
- ☐ Electrodes E6013

Power Plug Options:



Electrode Welding Capability



Product Specification

Model	50/60Hz	I _{1max}	STICK	Duty Cycle (X%)		OCV	Lift TIG	ANTI STICK	HOT START	ARC FORCE	Rod Max.	Thickness	INPUT POWER	LxWxH(cm)	KG
				100%	60%										
MINIMMA-100 (BV)	1ph-230V	13.6A	20-100A	77A	100A	63V	○	●	●	●	ø 2.5mm	3.0mm	3.0KW	25x10x16	1.8
	1ph-110V	-	-	-	-										
MINIMMA-120 (BV)	1ph-230V	16.9A	20-120A	93A	120A	63V	○	●	●	●	ø 3.2mm	3.5mm	3.7KW	25x10x16	1.8
	1ph-110V	-	-	-	-										
MINIMMA-140 (BV)	1ph-230V	20.4A	20 - 140A	108A	140A	63V	○	●	●	●	ø 3.2mm	4.0mm	4.5KW	25x10x16	1.8
	1ph-110V	27.2A	20 - 95A	95A	-										