

# LONGEVITY<sup>®</sup>

The power to last!

**Welding & Cutting Solutions,  
Parts & Accessories,  
Welding Safety Gear**

## 2021 CATALOG

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## Multi-Process Welders

Please see the individual product data sheets for detailed technical specs.



### Longevity TIGWELD 200SX

200 Amp 110V/220V AC/DC  
TIG/STICK Welder

**PRICE: \$1,099.99**

This compact, dual-voltage unit offers the user a simple array of controls to accurately set the welder to perform under a wide variety of situations including fine aluminum welding. The TIGWELD 200SX allows the welder to easily switch from 220v to 110v with the adapter plug that is included while being able to produce 200 Amps on both AC and DC TIG and 195 Amps on Stick.

Model #:	880372
Input Power:	110V/220V 1Ph, 50/60Hz
Rated Output:	60% @ 200 Amps
Output Range:	5-200 Amps
Dimensions:	L:28" x W:12" x H:22"
Weight:	66 lbs



### Longevity TIGWELD 210SX

200 Amp 110V/220V AC/DC  
TIG/STICK Welder

**PRICE: \$1,299.99**

This compact, dual-voltage unit offers the user a simple array of controls to accurately set the welder to perform under a wide variety of situations including fine aluminum welding. The TIGWELD 210SX allows the welder to easily switch from 220v to 110v with the adapter plug that is included while being able to produce 220 amps on both AC and DC TIG and 170 amps on Stick.

Model #:	444624
Input Power:	110V/220V 1Ph, 50/60Hz
Rated Output:	60% @ 200 Amps
Output Range:	5-200 Amps
Dimensions:	L:28" x W:12" x H:22"
Weight:	66 lbs



### Longevity TIGWELD 250EX

250 Amp 110V/220V AC/DC  
Pulse TIG/STICK Welder

**PRICE: \$1,799.99**

This compact, versatile unit offers the user a vast array of controls to accurately set the welder to perform under a wide variety of situations including some fine aluminum welding. The TIGWELD 250EX allows the welder to set features like AC frequency and balance control, pulse control, and both up and downslope control, effortlessly with our fully synergistic control panel.

Model #:	880160
Input Power:	110V/220V 1Ph, 50/60Hz
Rated Output:	35% @ 250 Amps
Output Range:	5-250 Amps
Dimensions:	L:29" x W:13" x H:22"
Weight:	76 lbs



### Longevity INNOVATOR 255i

250 Amp AC/DC Pulsed TIG Welder /  
40 Amp Plasma Cutter

**PRICE: \$1,999.99**

This compact, versatile unit offers the user a vast array of controls to accurately set the welder to perform under a wide variety of situations including some fine aluminum welding. The INNOVATOR 255i allows the welder to set features like AC frequency and balance control, pulse control, and both "up" and "down" slope control, effortlessly with our fully synergistic control panel.

Model #:	444529
Input Power:	100-265V 1Ph, 50/60Hz
Rated Output:	35% @ 250 Amps
Output Range:	5-250 Amps
Dimensions:	L:29" x W:13" x H:22"
Weight:	88 lbs





## MIG Welders (GMAW)

Please see the individual product data sheets for detailed technical specs.



### Longevity MIGWELD 100

100 Amp 120V Flux-Cored MIG Welder

**PRICE: \$299.99**

The Longevity MIGWELD 100 welder delivers industrial quality and performance at an affordable price. MIGWELD 100 is perfect for the beginner and the professional. MIGWELD 100 will easily connect to your existing 120v wall outlet and can be set up easily in minutes. Running on a standard 120v power cord you will be able to lay down a nice weld anywhere with or without gas!

Model #:	880143
Input Power:	120V 1Ph, 60Hz
Rated Output:	20% @ 100 Amps
Output Range:	20-100 Amps
Dimensions:	L:20" x W:13" x H:15"
Weight:	41 lbs



### Longevity MIGWELD 140

140 Amp 110V MIG Welder  
(Spoolgun Capable)

**PRICE: \$449.99**

The Longevity MIGWELD 140 is the most versatile welder which will do aluminum with the optional spool gun in addition to all exotic metals. MIGWELD 140 will easily connect to your existing 110v wall outlet and can be set up easily in minutes. Running on a standard 110v power cord and capable of holding up to an 11lb spool.

Model #:	880144
Input Power:	110V 1Ph, 50/60Hz
Rated Output:	20% @ 90 Amps
Output Range:	30-140 Amps
Dimensions:	L:24" x W:13" x H:17"
Weight:	62 lbs



### Longevity MIGWELD 200S

200 Amp MIG / 180 Amp STICK Welder  
220V (Spoolgun Capable)

**PRICE: \$799.99**

The Longevity MIGWELD 200S allows you to weld all exotic metals including aluminum with the addition of the Spool Gun. The splatter on the MIGWELD series is minimized and the post clean of the finished weld is quick and easy. In addition, the ability to adjust the arc with the Arc Force to reduce the spatter and improve the overall welding performance and characteristics is an excellent option to lay down a quality weld.

Model #:	880147
Input Power:	220V 1Ph, 50/60Hz
Rated Output:	60% @ 200 Amps
Output Range:	30-200 Amps
Dimensions:	L:27" x W:14" x H:19"
Weight:	58 lbs



### Longevity PROMTS 252i

250 Amp 110V/220V MIG/TIG/STICK  
Welder (3 in 1)

**PRICE: \$1,999.99**

The Longevity PROMTS 252i combines 3 welding processes in 1 machine with an impressive 250 Amp MIG welder, 250 Amp TIG welder, and 250 Amp STICK welder. Longevity includes everything: a MIG torch along with a Stick Holder. The PROMTS 252i uses inverter technology that is easy to use. The digital selection process makes setup and welding easy for the hobbyist or professional.

Model #:	880160
Input Power:	110V/220V 1Ph, 50/60Hz
Rated Output:	35% @ 160 Amps
Output Range:	40-250 Amps
Dimensions:	L:26" x W:14" x H:21"
Weight:	77 lbs



## TIG Welders (GTAW)

Please see the individual product data sheets for detailed technical specs.



### Longevity TIGWELD 200D

110V/220V DC 200 Amp TIG Welder / 180 Amp STICK Welder

**PRICE: \$999.99**

The Longevity TIGWELD 200D is yet another excellent option for welders from Longevity. The TIGWELD 200D is an exceptional welding machine when it comes to superior welds on steel, stainless steel, chromoly, copper, brass and more! The TIGWELD 200D can be used at a low setting of just 5 Amps for penetrating thin sheet metal or at higher amperage settings can penetrate 1/2 thick steel.

Model #:	880366
Input Power:	110V/220V 1Ph, 50/60Hz
Rated Output:	60% @ 150 Amps
Output Range:	10-200 Amps
Dimensions:	L:18" x W:14" x H:14"
Weight:	37 lbs



### Longevity TIGWELD 200SX

200 Amp 110V/220V AC/DC TIG/STICK Welder

**PRICE: \$1,099.99**

This compact, dual-voltage voltage, the versatile unit offers the user a simple array of controls to accurately set the welder to perform under a wide variety of situations including fine aluminum welding. The TIGWELD 200SX allows the welder to easily switch from 220v to 110v with the adapter plug that is included while being able to produce 200 Amps on both AC and DC TIG and 195 Amps on Stick.

Model #:	880372
Input Power:	110V/220V 1Ph, 50/60Hz
Rated Output:	60% @ 200 Amps
Output Range:	5-200 Amps
Dimensions:	L:28" x W:12" x H:22"
Weight:	66 lbs



### Longevity TIGWELD 210SX

200 Amp 110V/220V AC/DC Pulse TIG/STICK Welder

**PRICE: \$1,299.99**

This compact, dual-voltage voltage, the versatile unit offers the user a simple array of controls to accurately set the welder to perform under a wide variety of situations including fine aluminum welding. The TIGWELD 210SX allows the welder to easily switch from 220v to 110v with the adapter plug that is included while being able to produce 220 amps on both AC and DC TIG and 170 amps on Stick.

Model #:	444624
Input Power:	110V/220V 1Ph, 50/60Hz
Rated Output:	60% @ 200 Amps
Output Range:	5-200 Amps
Dimensions:	L:28" x W:12" x H:22"
Weight:	66 lbs



### Longevity TIGWELD 250EX

250 Amp 110V/220V AC/DC Pulse TIG/STICK Welder

**PRICE: \$1,799.99**

This compact, versatile unit offers the user a vast array of controls to accurately set the welder to perform under a wide variety of situations including some fine aluminum welding. The TIGWELD 250EX allows the welder to set features like AC frequency and balance control, pulse control, and both up and downslope control, effortlessly with our fully synergistic control panel.

Model #:	880160
Input Power:	110V/220V 1Ph, 50/60Hz
Rated Output:	35% @ 250 Amps
Output Range:	5-250 Amps
Dimensions:	L:29" x W:13" x H:22"
Weight:	76 lbs





## STICK Welders (SMAW)

Please see the individual product data sheets for detailed technical specs.



### Longevity STICKWELD 140

140 Amp 110V/220V 60% Duty Cycle DC STICK Welder

**PRICE: \$349.99**

The Longevity STICKWELD 140 is an excellent portable, yet powerful Stick welder that is capable of welding on both 110v and 220v welding current. This featherweight Stick welder weighs in at 23 lbs and ranges in amperage from 30-140 when connected to a 220v outlet.

Model #:	880306
Input Power:	110V/220V 1Ph, 50/60Hz
Rated Output:	60% @ 140 Amps
Output Range:	30-140 Amps
Dimensions:	L:17" x W:12" x H:14"
Weight:	23 lbs



### Longevity STICKWELD 200

200 Amp 220V DC STICK/TIG Welder with Anti-Stick (6010/6011 Capable)

**PRICE: \$499.99**

The Longevity STICKWELD 200 is an excellent portable, yet powerful stick welder that is capable of welding 6010 cellulose electrodes for deeper penetrating rods. This lightweight inverter technology stick welder weighs in at 27 lbs and ranges in amperage from 30-200 Amps. The STICKWELD 200 comes with a slot for the shoulder strap, stick holder, and ground clamp.

Model #:	880311
Input Power:	220V 1Ph, 50/60Hz
Rated Output:	20% @ 200 Amps
Output Range:	30-200 Amps
Dimensions:	L:18" x W:12" x H:15"
Weight:	27 lbs



### Longevity STICKWELD 250

250 Amp 220V DC STICK Welder (6010/6011 Capable)

**PRICE: \$599.99**

The Longevity STICKWELD 250 is an excellent portable, yet powerful stick welder that is capable of welding 6010/6011 cellulose electrodes for deeper penetrating rods. This lightweight inverter technology stick welder weighs in at 42 lbs and ranges in amperage from 20-250 Amps. The STICKWELD 250 comes with a shoulder strap, stick holder, and ground clamp.

Model #:	880147
Input Power:	220V 1Ph, 3Ph, 50/60Hz
Rated Output:	60% @ 250 Amps
Output Range:	30-250 Amps
Dimensions:	L:30" x W:11" x H:17"
Weight:	42 lbs

### Shielded Metal Arc Welding (SMAW)

Longevity offers a wide variety of Stick Welding Equipment also known as ARC Welding, Arc Welders, and/or Stick Welders. Shielded metal arc welding (SMAW), also known as manual metal arc welding (MMA or MMAW), flux shielded arc welding or informally as stick welding, is a manual arc welding process that uses a consumable electrode covered with a flux to lay the weld.

As an electric current, in the form of either alternating current or direct current from a welding power supply, is used to form an electric arc between the electrode and the metals to be joined. The workpiece and the electrode melts forming a pool of molten metal (weld pool) that cools to form a joint. As the weld is laid, the flux coating of the electrode disintegrates, giving off vapors that serve as a shielding gas and providing a layer of slag, both of which protect the weld area from atmospheric contamination.



## Plasma Cutters

Please see the individual product data sheets for detailed technical specs.



### Longevity FORCECUT 40D

40 Amp 110V/220V Full Pilot Arc Plasma Cutter

**PRICE: \$699.99**

The Longevity FORCECUT 40D is capable of being hooked up to most portable compressors and generators. It is lightweight, powerful and more reliable than other units on the market using out-of-date technology. The FORCECUT 40D only weighs 27 lbs and runs off 110v/220v 1-phase voltage making this unit one of the most portable plasma cutters on the market for its power.

Model #:	880077
Input Power:	110V/220V 1Ph, 50/60Hz
Rated Output:	60% @ 40 Amps
Output Range:	14-40 Amps
Dimensions:	L:21" x W:11" x H:17"
Weight:	27 lbs



### Longevity FORCECUT 42i

40 Amp Auto-Voltage Plasma Cutter (CNC-Ready)

**PRICE: \$1,299.99**

The FORCECUT 42i is capable of being hooked up to most portable compressors and generators. Powered by IGBT inverter technology, the Longevity FORCECUT 42i is lightweight and more reliable than other units on the market using out-of-date technology. The FORCECUT 42i only weighs 41 lbs. and runs off 110/220v 1 phase voltage making this unit one of the most portable plasma cutters on the market for its power.

Model #:	880079
Input Power:	95-270V 1Ph, 50/60Hz
Rated Output:	25% @ 40 Amps
Output Range:	20-40 Amps
Dimensions:	L:23" x W:15" x H:18"
Weight:	41 lbs



### Longevity FORCECUT 62i

60 Amp 220V IGBT Pilot Arc Plasma Cutter (CNC-Ready)

**PRICE: \$1,399.99**

Longevity wanted to create a unit for the on-the-go user, something that was portable yet performed up to the expectations of the customer all while maintaining Longevity's priority on value. The FORCECUT 62i meets all the required criteria and more! This plasma cutter offers quality cutting of up to 1 1/4" (30mm) and rough cuts of up to 1 3/8" (35mm).

Model #:	880459
Input Power:	110V/220V 1Ph, 50/60Hz
Rated Output:	95% @ 60 Amps
Output Range:	20-60 Amps
Dimensions:	L:28" x W:14" x H:20"
Weight:	30 lbs



### Longevity INNOVATOR 255i

250 Amp AC/DC Pulsed TIG Welder / 40 Amp Plasma Cutter

**PRICE: \$1,999.99**

This compact, versatile unit offers the user a vast array of controls to accurately set the welder to perform under a wide variety of situations including some fine aluminum welding. The INNOVATOR 255i allows the welder to set features like AC frequency and balance control, pulse control, and both "up" and "down" slope control, effortlessly with our fully synergistic control panel.

Model #:	444529
Input Power:	100-265V 1Ph, 50/60Hz
Rated Output:	35% @ 250 Amps
Output Range:	5-250 Amps
Dimensions:	L:29" x W:13" x H:22"
Weight:	88 lbs





## Parts & Accessories



### Longevity TIG Torch Water Cooler

110V 9-Liter Water Cooling System for TIG Torches

PRICE: \$499.99



### Longevity Welder/Cutter Support Cart

Heavy-Duty, Easily Assembled, Holds Multiple Machines

PRICE: \$179.99



### 25mm DINSE Plug Electrode Holder

<250 Amp Medium-Duty Service Use

PRICE: \$49.99



### 50mm DINSE Plug Electrode Holder

300 Amp Heavy-Duty Service Use

PRICE: \$69.99



### Ground Clamp w/ Terminal Lug Connector

High-Quality Solid Brass Terminal Lug Connector

PRICE: \$57.99



### Ground Clamp w/ 25mm DINSE Connector

High-Quality Solid Brass Dinse Style Cable

PRICE: \$49.99



### Ground Clamp w/ 50mm DINSE Connector

High-Quality Solid Brass Dinse Style Cable

PRICE: \$69.99



### Longevity SPOOLGUN 140

Aluminum Welding Capable MIG Gun

PRICE: \$199.99



## Welding Safety Gear



### POWER-VIEW ELITE Welding Helmet

Auto-Darkening Adjustable Welding Mask

PRICE: \$129.99



### FLAMING SKULL Welding Helmet

Solar-Powered Auto-Darkening Welding Hood

PRICE: \$74.99



### Longevity Welding-Armor Safety Jacket

Sizes: Medium, Large, X-Large  
Color: Black & Red

PRICE: \$99.99



### TIG Welding / Plasma Cutting Gloves

Sizes: Medium, Large, X-Large  
Color: Red & White

PRICE: \$19.99



### TIG Welding / Plasma Cutting Gloves

Sizes: Medium, Large, X-Large  
Color: Gray & White

PRICE: \$19.99



### TIG Welding / Plasma Cutting Gloves

Sizes: Medium, Large, X-Large  
Color: Black & Gray

PRICE: \$19.99



### Welding-Armor STICK Welding Gloves

Sizes: Medium, Large, X-Large  
Color: Red

PRICE: \$19.99



### Welding-Armor MIG Welding Gloves

Sizes: Medium, Large, X-Large  
Color: Orange

PRICE: \$19.99





## Consumables



### Longevity MIG Welding Wire

THOR-ARC ER70S-6 Wire: 0.023", 0.030", 0.035"  
 ALLOY-ARC ER4043 Wire: 0.030", 0.035"  
 ALLOY-ARC ER5356 Wire: 0.030", 0.035"  
 FLUX-ARC E71T-11 Wire: 0.030", 0.035"  
 FLUX-ARC E71T-G Wire: 0.030", 0.035"



### Longevity STICK Welding Electrodes

THUNDER-ARC E6011 Electrodes: 3/32", 1/8"  
 THUNDER-ARC E6013 Electrodes: 3/32", 1/8"  
 THUNDER-ARC E7018 Electrodes: 3/32", 1/8"  
 \* All are 11-pound boxes



### Longevity TIG Filler Rods

THUNDER-ROD ER70S-6 Rods: 1/16", 3/32", 1/8"  
 THUNDER-ROD ER4043 Rods: 1/16", 3/32", 1/8"  
 THUNDER-ROD ER5356 Rods: 1/16", 3/32", 1/8"  
 \* All are 10-pound cases



### Longevity TIG Tungsten Electrodes

2% Ceriated (Gray) Tungstens: 1/16", 3/32", 1/8"  
 2% Lanthanated (Blue) Tungstens: 1/16", 3/32", 1/8"  
 2% Thoriated (Red) Tungstens: 1/16", 3/32", 1/8"  
 \* All are 10-piece sets



### Longevity TIG Torch Consumables

For 9-Series Air-Cooled TIG Torches  
 For 17-Series Air-Cooled TIG Torches  
 For 18-Series Water-Cooled TIG Torches  
 For 20-Series Water-Cooled TIG Torches  
 For 26-Series Air-Cooled TIG Torches



### Longevity MIG Gun Consumables

For 15-Series MIG Guns  
 For 24-Series MIG Guns  
 For 36-Series MIG Guns



### Longevity Plasma Cutter Consumables

PT-60 Consumable Sets  
 P-80 Consumable Sets  
 S-45 Consumable Sets  
 SG-55 / AG-60 Consumable Sets  
 IPT-80 Consumable Sets

All consumables are standard sizes and diameters compatible with other brands of welding guns and welding/plasma cutting torches.

Prices may vary based on different diameters or sets.



### The Power to Last!

Longevity Welding is a rapidly growing manufacturer and supplier of TIG Welders, MIG Welders, STICK Welders, Multi-Process Welders & Cutters, Plasma Cutters, Welding Parts & Accessories. Longevity is not a new name in the North American market and has been proven to be a professional and reliable welding supplier since 2005.

With our clients including Home Depot, Lowes, Amazon, Airgas, Praxair, Grainger as well as direct online sales, Longevity has grown to be one of the largest and most respected welding supply companies in America.

[YouTube.com/LongevityWelding](https://www.youtube.com/LongevityWelding)

