

# TigWeld® 200 SX



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## 200 AMP AC/DC DUAL-VOLTAGE TIG/STICK WELDER

PROCESS: TIG, STICK    DIMENSIONS: 11"W x 22"L x 25"H    INPUT: 110V-220V 1 Phase, 50/60Hz  
220v DUTY CYCLE TIG: 60% @ 200A 100% @ 155A    STICK: 60% @ 195A 100% @ 151A  
110v DUTY CYCLE TIG: 60% @ 150A 100% @ 116A    STICK 60% @ 145A 100% @ 112A  
AC/DC WELDER    WEIGHT: 41 lbs, unit only,    ARC IGNITION MODE: HF    PROTECTION CLASS: IP21  
MACHINE TYPE: IGBT    INSULATION GRADE: F

### Introduction

LONGEVITY has both hobbyists and the professional welders in mind with the TIGWELD® 200 SX. This compact, dual-voltage voltage, 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® 200 SX 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.

Whether welding aluminum or any other metal, the TIGWELD® 200 SX benefits from cutting edge inverter technology. This allows LONGEVITY to offer a welder with more stability while at the same time the unit is more lightweight and reliable! The TIGWELD® 200 SX is one of the more versatile welders on the market and it is backed by LONGEVITY's industry leading warranty!

The Power to Last!

1 YEAR  
WARRANTY



### A. Simple TIG Welding

LONGEVITY has produced a user friendly AC/DC TIG welder for convenience of the user. With the simplicity of the TIGWELD® 200 SX, the user is able to set the amps, pre-flow, post, flow, and clearance to dial in for a perfect aluminum or steel weld.

#### Suitable For:

Light Industrial  
Fabrication  
Farm  
Motorsports  
Maintenance  
Repair Shops

#### Welding Capacity

Maximum  
0.375" Steel  
0.375" Aluminum  
Minimum  
0.005" Steel  
0.020 Aluminum

### B. Efficient IGBT Inverter Technology

IGBT technology has taken the welding industry to new levels. It gives us the ability to offer smaller units that weigh less while increasing efficiency. The TIGWELD® 200 SX with its portable design can be powered by 8500 watt generator. LONGEVITY uses IGBT technology powered by Siemens because of the increase in performance and better reliability than outdated inverter technology. Put the oxy torch away and give our plasma cutters a try. You will never go back!



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## C. Quick Setup Connections

LONGEVITY offers quick connection of your torches by using DINSE connectors giving the users total versatility due to it being compatible with most aftermarket torches. Setup time is also reduced due to the quick connect argon couplers whether you are trying to AC TIG, DC TIG or Stick Weld.

### INCLUDED:



WP-26 Air Cooled  
14-ft Torch



200Amp Stinger



200 Amp Ground/Earth  
Cable



Foot Pedal



Regulator Flow  
Gauge



110/220 Power  
Plug Adapter



Chipping Hammer  
and Steel Brush



Welding Mask

## D. Industrial Duty Cycle

With an internal cooling fan and inverter technology that aids the TIGWELD® 200 SX in doing a full industrial grade 60% duty cycle, this unit is perfect for industrial applications. The higher duty cycle of the machine will allow it to operate for longer periods of time.

## E. Easy Dial Setup

The TIGWELD® 200 SX is very user friendly! All the adjustments are properly spaced and coded which allows for easy on-the-fly adjustments. You can even adjust on the fly, while welding.

## F. Stick Welder

With the flip of a switch, you are able to use the TIGWELD® 200 SX as a stick welder on either 110v or 220v power. The Stick welder has a respectable output of 195amp on 220v.

## G. Thermal Overload Protection

If you are welding for a long period of time and your duty cycle limit is reached, LONGEVITY's thermal overload protection will kick on safely shutting down your machine for proper cooling avoiding any damage. Once it cools, you will be able to weld again!

## H. Panel or Foot Pedal Operation

The LONGEVITY TIGWELD® 200 SX allows excellent control whether you are using a foot pedal or the panel. The foot pedal will allow you to set an amperage limit as well as variably adjust the amps.

### Optional Equipment:

#### Auto-Dark Helmet

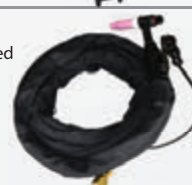
PowerView Elite



#### Welding Cart



#### WP-17 25ft Air-Cooled Torch



#### Tungsten

Lanthanated



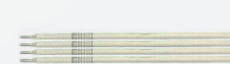
Ceriated



#### Filler Rods



#### Stick Electrodes



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