

PowerTIG 350EXT



AC/DC Digital TIG Series



Power Grab.

- ▶ Get it done with the more power, up to 350A.
- ▶ Weld like a pro with 4 Types of AC wave form control.
- ▶ Save up to 9 user defined programs for future use.
- ▶ Weld over 1" thick aluminum with Advanced AC Pulse.
- ▶ Keep at it with 35% duty cycle @ 350A.
- ▶ Tackle thin or thick metals with low current starting.
- ▶ Go pedal free with 2T/4T torch sequencer if desired.

Will you ever need more? We don't think so.



Are you in the 99.9%?

Chances are, you are one of those customers that weld within a standard range of metal thicknesses which range from light gauge sheets to heavy 1" plate. If you are, this welder can tackle about anything you throw at it and keep doing so for quite some time without taking a break with 60% duty cycle at 280A and 35% duty cycle at full power. AC wave form control helps improve weld performance and can be used to customize your weld feel and look. The intuitive feature rich panel guarantees you that you will be able to customize about anything you need in a few seconds without having to go through a maze of hidden menus or programs. It can be "nested" with the all new PowerCool 400 cooler and new PowerCard which are both designed specifically for this unit to make a neat and tidy package. Even though it has specifically designed accessories, this unit is still portable enough that it can be carried to where it is needed. And due to its 240V single phase operating capability, there is practically no place the machine cannot be connected for service.

Are you in the .1%?

If you are, don't feel left out though. Before you cross this unit off your list due to not meeting your needs, keep an open mind. The Advanced AC Pulse control can increase your weld performance greatly on aluminum and turn this unit into a real power house. The Advanced AC Pulse mixes AC output with DC output to increase penetration on Aluminum, without losing cleaning ability. Testing has shown that penetration can easily exceed 1.5" with this feature when properly setup with pure Argon. Now that sounds a bit high doesn't it? Well we know it does, but customers continually remark about how surprised they are that our claims hold up. When Helium is added to the mix, the number goes even higher. Other features like AC balance and Pulse frequency can be manipulated to control heat spread and arc width as well. But if you are into DC, and need to weld anything else other than aluminum, this unit really doesn't disappoint. The fully adjustable standard pulse (which can be used in AC as well) cycles up to 500Hz for perfect control of wet-in and heat spread. The ability to weld thin metal is not forgotten with it's low amp start capability of 5 amps (DC).

Specifications

Process: AC/DC GTAW-P, DC SMAW
Input@ 240V 1ph: I₁MAX: 47A I₁EFF: 29A
OCV: 80V
TIG AC Frequency: 20-250Hz
Pre/Post Flow: 0-25/50 Seconds
Weight: 83 Lbs. (38Kg)

Everlast Power Equipment
380 Swift Ave. Unit 12
South San Francisco, CA 94080

Output: TIG 5-350A DC; 10-350A AC Stick 20-270A DC
Stick E6010 Rated: Yes
Standard Pulse: .5-500Hz
TIG AC Balance: 5-90%
Start/End Amps DC/AC: 5/10-350A
Dimensions: 11.5"Wx25"Hx25"L

Duty Cycle@ 40° C: TIG 35% @350A/Stick 35% @270A
VRD for Stick: Yes<24V
Stick Hot Start Time/Intensity/Arc Force: Yes
Advanced AC Pulse (mixed): .1-9.9 Hz
Up/Down Slope: 0-25 Seconds
Input Cable Length: 9.5' (3m)

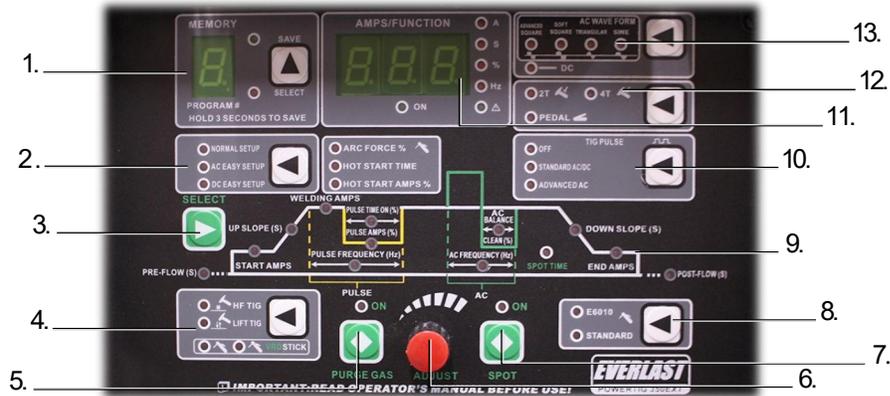
1-877-755-9353

www.everlastwelders.com

All specifications, accessories and options are subject to change without notice.

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Panel Configuration and Details



- Memory. Save and recall up to 9 user defined programs.
- Easy Setup Mode. Quickly get started with this feature for AC/DC without having to go through a setup mode.
- Parameter Selector. Selects desired parameter listed in the graph for adjustment.
- Process Selector. Choose between HF Start TIG, Lift Start TIG, Stick and Stick with VRD safety engaged.
- Purge Gas. Allows gas to flow without welding to enable quick adjustment of gas flow.
- Parameter Adjuster. Adjusts value of the selected parameter.
- Spot Timer Function. Allows a timed arc to be used for controlled tack welding in TIG mode.
- Stick Rod Selector: Selects for best performance with E6010/Cellulose welding rods
- Graphic LED Indicator. Used to indicate parameter selected with button #3. Choose between Pre/Post Flow, Start/End Amps, Up/Down /Slope, Welding Amps, Pulse Frequency, Pulse Time, Pulse Amps, AC Frequency, AC Balance, and Spot timer.
- Pulse Selector. Select between Off, Standard (AC or DC modes) or Advanced Pulse (AC mode only).
- Digital Display with LED. Displays value/status of selected parameter and indicates which value is being set/displayed i.e. Hz, %, Seconds, Amps, On indicator or error code.
- Pedal Function/ Torch Switch function. Selects how the arc amps are controlled and how the torch switch interacts with the weld cycle.
- TIG output type selector. Select between DC and AC modes. Allows you to choose type of AC wave form including Advanced Square, Soft Square, Triangular, and Sine Wave.

Standard Equipment and Options



Standard Kit:

- 12.5ft. (4m) 18 Series TIG torch with 35 DINSE
- 12.5 ft (4m) 26 Series TIG torch with 35 DINSE
- 9 ft. Cable with 300 A Stick Electrode Holder
- 9 ft. Cable with 400 A Work Clamp
- Regulator Ar/CO2
- Foot Pedal Heavy Duty
- Torch switch for remote



Customer Favorite Option:

- PowerCard 300 SKU/Part# PC-300-M
- PowerCool 400 Cooler SKU/Part# PCW400-240
- NOVA Rotaflex 20 Torch 25 ft. SKU/Part# RF-20-250-35QD
- NOVA Foot Pedal SKU/Part# EV-FP-22-NWI

Everlast proudly offers optional accessories and products from NOVA Welding Industries.



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