

PowerPro 256D



Digital AC/DC/TIG/Stick/Plasma



The ultimate solution.

- ▶ Carry it to where you need it for welding and cutting chores.
- ▶ TIG weld at 250A. Stick Weld at 200A. Cut at 60A.
- ▶ Take on more with 60% TIG/35% Stick and Plasma Duty Cycle.
- ▶ Digital AC/DC TIG welding with AC Wave form control.
- ▶ Digital DC Stick for welding with rods such as E7018/E7014.
- ▶ Digital Plasma for precise, quick cutting
- ▶ Advanced AC Pulse for more power on Aluminum welds.

One solution to several problems.

Portable and Versatile.

The PowerPro 256D really is the ultimate solution to the oldest problem in welding: Portability vs. Versatility. The PowerPro 256D has both. The combination of a TIG welder, Stick welder and Plasma cutter built into one unit is a dream for many portable repair and light fabrication businesses. Not only does the unit excel as a welder, it also does a pretty decent job at handling day to day cutting chores. The small size and light weight relative to its transformer based cousins is well less than half of just a stand alone transformer welder or plasma cutter. This is possible due to the advanced digital inverter design that features rugged IGBT components that take the place of larger transformers. The digital control and design of the unit reduces overall number and foot print of components while improving reliability and performance.

Repeatable settings and memory.

One of the oldest problems with TIG and stick welding is being able to reproduce the same settings exactly when settings are changed or fine tuned for different metals and thicknesses. The PowerPro 256D features memory that will save up to 9 programs. This allows you to store and recall the exact settings for improved quality control where multiple users and projects are involved. The digital nature of the unit also allows you to precisely tune and set the value of the parameter right down to the specific amp, percent, or hertz you desire.

Advanced AC Pulse packs more power.

The unit not only features standard pulse for AC and DC heat control while welding TIG, it also features an unique Advanced AC pulse that mixes both AC and DC power in the pulse cycle. This has the added benefit of 50% greater welding capability than most 250 Amp AC welders while welding Aluminum when properly setup.



Specifications

Process: Digital AC/DC Pulse TIG/DC Stick/Plasma
Input Amps: I1MAX: 36.8A I1EFF: 30A
OCV: 70V (250V Plasma)
AC Wave Form: Adv. Square, Soft Square, Triangular, Sine
Pulse Amps: 1-99%
Weight: 29.5kg (65 lbs.)

Output: TIG: 3(5 AC)-250A /Stick: 5-200A/Plasma 20-60A
Protection: IP21S
Fan Type: Full Time, Single Fan
Pulse Hz: Adv. AC 0-10 Hz, DC 0-500Hz, AC 0-250Hz
Memory: 1-9 programmable memory
Dimensions: 25"Lx18"Hx10"W

Duty Cycle: TIG: 60% @ 250A; Stick/Plasma 35% @ 200/60A, 40°C
Plasma Torch Type: IPT 60 12.5ft. (non HF, Blowback type)
Classification: Portable/Fabrication/Factory Maintenance
Pulse Time On: 10-90%
AC Frequency and Cleaning %: 20-250Hz/10-90%
Input Cable Length: 6'

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

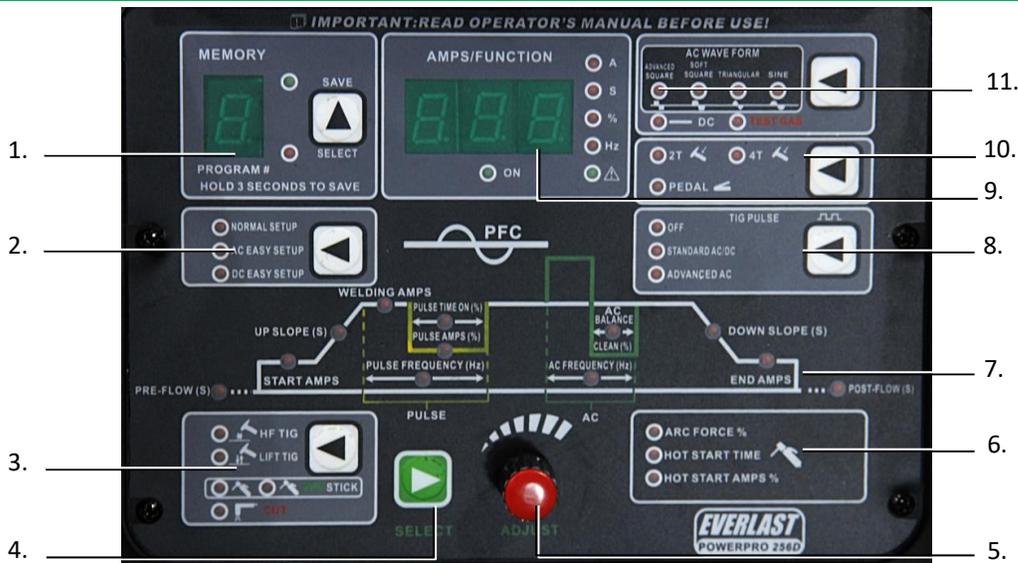
1-877-755-9353

www.everlastwelders.com

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

ORDER PUBLICATION: 31011-ETL MARCH '19

Panel Configuration and Details



- Memory. Save up to 9 different programs.
- Easy Setup mode. Get started quickly using this pre-programmed function that is designed for most day to day welding chores.
- Mode Selector. Select from HF Start TIG, Lift Start TIG, Plasma Cutting, standard OCV Stick and VRD (Voltage Reduction Device) Stick
- Select. Selects parameter for adjustment, in graph/weld cycle.
- Adjust. Adjusts the selected parameter.
- Stick Parameters. Use the select and adjust button in stick mode to select and adjust arc force, hot start time and hot start amps to improve stick arc performance.
- Weld cycle graph. Includes all relevant TIG functions for both using a foot pedal and the sequencer (2T/4T torch switch operation). Includes: Preflow and Post Flow Control (Sequencer and Pedal function), Up and Down Slope (Sequencer function only), Welding Amps (Sequencer and Pedal Function). Also includes settings for Pulse (when turned on) which include: Pulse Amps, Pulse time-on, and Pulse frequency (Hz). AC frequency and balance control apply only in AC mode when adjusting arc cone width (wet-in) and cleaning.
- TIG Pulse. Select between TIG pulse off, TIG Pulse Standard for AC and DC modes, and Advanced AC mode which mixes AC and DC for increased penetration and performance on Aluminum.
- Display Center. Indicates value and type of selected parameter. Default: Amps. Corresponding LED lights up to indicate Hz, %, Seconds, or Amps. Also indicates unit warning and faults for overheat, overcurrent and other operational faults.
- 2T/4T/Pedal Select. Select between torch trigger operation style and foot pedal operation. Also select for type of torch mounted amptrol.
- Wave Form Control and process selector. Select between Advanced Square, Soft Square Wave, Triangular Wave, and Sine AC TIG wave forms. Also selects for DC operation in TIG mode.

Standard Equipment and Options



Standard Kit:

- Stick Electrode Holder and 9 ft. Cable (DINSE 35 Type Adapter)
- Work Clamp and 9ft. Cable (DINSE 35 Type Adapter)
- iPT60 Innotec 60A Plasma torch with 12.5 ft Cable/Adapter.
- 18 Series Water-Cooled (Water Cooler Optional) TIG torch and 12.5 ft Cable (DINSE 35 Type Adapter)
- Argon Regulator (Floating Ball type)
- Foot Pedal (Standard Type)
- Consumable Starter Kit
- Adjustable Air Regulator and filter for Plasma



Customer Favorite Options:

- PowerCart 250 SKU/ # PC250-M
- NOVA 17 Rotaflex TIG torch w/25 ft. Ultra-Flex Cable and DINSE 35 SKU/ # NVA-RF17-250-35QD
- PowerCool 300 Water Cooler SKU/# PCW300-240
- Stubby Kit SKU/# E-WP17-26-18-SKT
- Nova Foot Pedal (long life) SKU/# EV-FP22NWI

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



Everlast makes every effort to ensure accuracy of stated specifications and kit contents at time of publication. However, due to continual our efforts to improve our products and offerings, stated specifications, accessory kit content or product appearance may change without notice. Any change in specification, kit contents, appearance, length, etc. can be verified by calling toll-free @ 877-755-9353. In the event of these changes, Everlast will not be liable to provide product, kit contents, or accessories exactly as depicted or described in this publication. Please review warranty details @ <https://www.everlastgenerators.com/> standard-warranty. The 5 year parts and labor warranty covers only the power source and does not cover accessories or consumables. While this publication may be used in multiple distribution markets, the 5 year warranty only applies to US products only. Canada and other countries maintain different warranty periods and policies. Consult directly with your country's distributor about your warranty details. Accessories, including all NOVA products are covered under a separate warranty. Consumables and consumable kits are not warranted except against manufacturer defect. Since Everlast cannot know every situation and detail of customer's application, any statement of other warranty, expressed or implied, or statement concerning suitability of this product for a specific customer use or application is specifically disclaimed. The customer is responsible for ensuring safe and practical operation of the unit and is solely responsible for the proper use and application of this product and accessories.