A new standard for affordable performance.

Now in its fifth generation, the PowerTIG 250EX is a proven inverter welder known for its smooth, stable arc. In fact, the PowerTIG welders are found in service all over the world in almost any environment imaginable. The latest version now incorporates Digital control to further improve its already rock solid reputation for reliability by simplifying internal circuitry and improving accuracy of the controls.

The latest PowerTIG 250EX still includes what you’d expect: Analog input, heavy-duty IGBT power modules, improved High Frequency components, and a protected user panel. The new user panel is designed for intuitive setup and use. The control layout has been completely reworked for a better user experience as well. Regardless of the changes, the unit continues to set the mark for affordable performance with high duty cycle, and a full compliment of features.

The PowerTIG series still remains the feature and price leader in the industry, and that’s not going to change.

**Features that make sense.**

Features that have a purpose

- Name-brand IGBT Power Modules improve reliability and serviceability over individual IGBT design.
- **NEW!** Redesigned user control panel has been color coded and arranged for convenience.
- **NEW!** Improved, redesigned plastic panels to help protect welder from damage.
- Heavy Duty High Frequency control components for improved arc starting and reduced maintenance.
- **NEW!** Digital Design improves accuracy of control while simplifying internal design for improved reliability.
- No hidden menus or controls. Everything is viewable and adjustable without having to go through complicated adjustment procedures.
- Built-in 240V receptacle designed for operation with optional 240V Everlast PowerCool 300 water cooler.

Features that perform

- Extended AC balance control offers more control over cleaning and penetration.
- Wide range of AC Frequency control improves arc focus and control while welding aluminum.

- Lift start feature for operation in welding environments where HF use is restricted or unwanted.
- Fully adjustable pulse up to 500 Hz in AC and DC modes.
- 2T/4T control allows use of remote torch switch or torch amptrol when using a foot pedal isn’t practical.
- Preflow/Post-flow time is fully adjustable for maximum shielding before and after the weld.
- Stick with adjustable arc force control (DIG) improves arc performance and spatter control.
- Auto-adaptive hot start feature for stick improves arc initiation, reducing electrode sticking.

Features that stand out

- Spot weld feature allows TIG welds to be perfectly timed for spot welding or tacking
- Industrial 60% duty cycle in TIG mode on single phase 240V at maximum operating Amps.
- Digital display displays maximum preset amperage and changes to display actual output while welding.
- Welding package includes torches, and regulator.

**Power Specifications**

- **PROCESS:** GTAW-P, SMAW
- **INPUT:** 220-240V 1/3 Phase, 50/60Hz
- **TIG OUTPUT:** 5-250A
- **STICK OUTPUT:** 5-200A
- **TIG OCV:** 70V
- **MAX CURRENT:** 40A, 1 Phase; 21A, 3 Phase
- **DUTY CYCLE TIG:** 60% @ 250A, 100%@200A
- **DUTY CYCLE STICK:** 35%@200A, 60%@160A, 100%@135A
- **INVERTER TYPE:** IGBT module construction
- **STICK OCV:** 70V
- **DIMENSIONS:** 9”Wx24”Lx17”H
- **WEIGHT:** 62 lbs., unit only
- **PROTECTION CLASS:** IP21S
- **INSULATION GRADE:** F
- **VRD:** NONE

1-877-755-9353

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everlastwelders.com
**Performance Specifications:**

- **AC Frequency**: 20-250Hz
- **AC Balance**: 10-90% of EP
- **DC Pulse Frequency**: 0.5-500Hz
- **AC Pulse Frequency**: 0.5-500Hz
- **Pulse Time On Balance**: 10-90%  
- **Pulse Amps Ratio**: 5-95%
- **Minimum DC Start**: 5 Amps (±2 A)
- **Minimum AC Start**: 5 Amps (±2 A)
- **Preflow Time**: 0-10 Seconds
- **Postflow Time**: 0-25 Seconds
- **Up Slope Time**: 0-10 Seconds
- **Down Slope Time**: 0-25 Seconds
- **Start Amps**: 5-250 Amps
- **End amps**: 5-250 Amps
- **Spot Weld Time**: 0-10 Seconds
- **Stick Arc Force Control**: 0-100%
- **Stick Hot Start Time**: Auto-adaptive
- **Stick Hot Start Intensity**: Fixed
- **2T/4T Control**: Yes
- **Wave Form**: Adv. Square Wave

**Safety/Unit Protection Features:**

- **Over Temperature Warning**: Yes
- **Over Current Warning**: Yes
- **Switch**: Breaker Type

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**Actual appearance and quantity of accessories may vary.**

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**RECOMMENDED OPTIONS**

**SKU # PCW300-240**

Everlast PowerCool 300 Water Cooler for up to 350 Amps of Power. Includes Quick Connects for Torch.

**SKU # PC250-M**

Everlast PowerCart Roll Around Cart with gas cylinder space and lower water cooler berth.

**SKU # EV-22FPSSC**

US made foot pedal to fit Everlast PowerTIG inverter welders.

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All Everlast PowerTIG welders are covered by a 5 year parts and labor warranty.

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**EVERLAST**

**IGBT INVERTER TECHNOLOGY**

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