

# PowerTIG 225LX

# GTAW-P/ SMAW



## Proven, affordable performance is here.

Never expect anything less than the best performance with the PowerTIG 225LX. With new, larger Infineon IGBT power modules, and a hefty compliment of features, the PowerTIG 225LX is perfectly positioned to offer most users the best blend of power, performance, and affordability. The 60% duty cycle at 225 amps is one of the best TIG welder duty cycles in the industry. And well, the price is one of the best as well.

The PowerTIG 225LX now features a pulse frequency in AC and DC modes up to 250 Hz which is a major improvement over the previous generations. The panel and controls also have been redesigned for better operator convenience and welder protection. Put together the features and the price on this welder, and it adds up to one of the best TIG/Stick welder packages available.

## FEATURES THAT MAKE SENSE.

### Features that have a purpose

- Infineon 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.
- Standard DINSE 50 style power connectors for industry cross compatibility of torches and fittings.
- 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 Everlast 240V PowerCool 300 water cooler.

### Features that perform

- Generous 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 250 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

- Quick gas connect makes torch connection easy.
- 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 Phase, 50/60Hz  
**TIG OUTPUT:** DC: 5-225A/10.2-19V AC: 20-225A/10.8-19V  
**STICK OUTPUT:** 5-175A, 20.2-27V  
**TIG OCV:** 70V

**MAX CURRENT:** 39A  
**DUTY CYCLE TIG:** 60%@250A, 100%@200A  
**DUTY CYCLE STICK:** 35%@175A, 60%@135A, 100%@105A  
**INVERTER TYPE:** Infineon IGBT module construction  
**STICK OCV:** 70V

**DIMENSIONS:** 9"Wx24"Lx17"H  
**WEIGHT:** 65 lbs., unit only  
**PROTECTION CLASS:** IP21S  
**INSULATION GRADE:** F  
**VRD:** NONE



1-877-755-9353

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# PowerTIG 225LX

# GTAW-P/ SMAW



12.5 ft Everlast 18 Series Water-Cooled TIG Torch

300 Amp Work Clamp Cable Assembly 10ft.

300 Amp Stick Electrode Holder 10ft.

Everlast Argon/Argon/CO2 Regulator

Everlast Foot Pedal

TIG Consumable Starter Kit

Actual appearance and quantity of accessories may vary.



### Performance Specifications:

AC Frequency	20-250Hz
AC Balance	30-70% of EP
DC Pulse Frequency	.5-250Hz
AC Pulse Frequency	.5-250Hz
Pulse Time On Balance	10-90%
Pulse Amps Ratio	5-95%
Minimum DC Start	5 Amps (±2 A)
Minimum AC Start	20 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	Fixed
End amps	Fixed
Stick Arc Force Control	0-100%
Stick Hot Start Time	Auto-adaptive
Stick Hot Start Intensity	Fixed
2T/4T Control	Yes

### Safety/ Unit Protection Features:

Over Temperature Warning	Yes
Over Current Warning	Yes
Switch	Breaker Type

All specifications subject to change without notice.



### RECOMMENDED OPTIONS



SKU # PC-300-240  
Everlast PowerCool 300 Water Cooler for up to 350 Amps of Power. Includes Quick Connects for Torch.



SKU # PCT-250  
Everlast PowerCart Roll Around Cart with gas cylinder space and lower water cooler berth.



SKU # 47k-SSCFP  
US made foot pedal to fit Everlast PowerTIG inverter welders



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



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