

PowerTIG 185DV

GTAW/ SMAW**DUAL VOLTAGE**

Proven, affordable performance is here.

If you're a TIG hobbyist, or welding professional looking for a simple solution to your TIG welding needs, then you'll find exactly what you are looking for with the compact PowerTIG 185DV. The PowerTIG 185DV features up to 185 amps of AC/DC welding capability. It offers stable, smooth arc performance that keeps pace with more expensive welders on the market.

The 120/240V dual voltage design allows the unit to be carried almost anywhere there is a single phase outlet present. Operating on 120V, you'll be able to weld steel up to 1/8" in a single pass. Of course operating on 240V you'll be able to weld much more, up to 3/16" in a single pass.

The PowerTIG 185DV is a relatively simple and straight forward TIG welder, that offers just what you need to perform your best. Among the short list of features AC frequency and AC balance control work together to deliver high quality aluminum welds.

FEATURES THAT MAKE SENSE.

Features that have a purpose

- Dependable Fairchild IGBT components offer excellent performance and long service life.
- **NEW!** Redesigned user control panel has been color coded and arranged for convenience.
- 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.
- Simple controls with exactly what you need to perform quality welds.
- **NEW!** Dual Voltage feature operates on 120V or 240V for true go-anywhere performance.
- **NEW!** Stick function makes smooth spatter free welds with up to 1/8" electrodes.

Features that perform

- Wide ranging AC balance control offers more control over cleaning and penetration. Same as PT 250EX!

- 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.
- Use with the remote torch switch or optional items such as a torch amptrol or foot pedal.
- Post-flow time is fully adjustable for maximum shielding after the weld.
- Auto-adaptive hot start feature for stick improves arc initiation, reducing electrode sticking.

Features that stand out

- Quick gas connect makes torch connection easy.
- Commercial 35% duty cycle in TIG mode operating on single phase 120V/240V at maximum 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: 120-240V 1 Phase, 50/60Hz
TIG OUTPUT 240V: DC: 5-185A/10.2-17.4V AC: 20-185A/10.8-17.4V
STICK OUTPUT 120V: 5-105A/20.2-24.2V
DUTY CYCLE STICK: 35% @ 105/150A, 60% @ 85A/120A, 100% @ 65A/90A
VRD: NONE

MAX CURRENT: @110V: 22A @220V: 24.5A
DUTY CYCLE TIG: 35% @ 125/185A, 60% @ 100A/145A, 100% @ 75A/110A
TIG OUTPUT 120V: DC: 5-125A/10.2-15V AC: 20-125A/10.8V-15V
STICK OUTPUT 240V: 5-150A, 20.2-26V
TIG OCV: 70V
INVERTER TYPE: Fairchild IGBT

DIMENSIONS: 8"Wx22"Lx12"H
WEIGHT: 35 lbs., unit only
PROTECTION CLASS: IP21S
INSULATION GRADE: F
STICK OCV: 70V

**1-877-755-9353**

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everlastwelders.com

329 Littlefield Ave. South San Francisco, CA 94080

PowerTIG 185DV**GTAW/ SMAW**12.5 ft Everlast 17 Series
Air-Cooled TIG Torch300 Amp Work Clamp
Cable Assembly 10ft.300 Amp Stick Electrode
Holder 10ft.Everlast Argon/
Argon/CO2 RegulatorTIG Consumable
Starter Kit

Actual appearance and quantity of accessories may vary.

**Performance Specifications:**

AC Frequency	20-250Hz
AC Balance	10-90% of EP
DC Pulse Frequency	None
AC Pulse Frequency	None
Pulse Time On Balance	None
Pulse Amps Ratio	None
Minimum DC Start	5 Amps (± 2 A)
Minimum AC Start	20 Amps (± 2 A)
Preflow Time	Fixed .5 Seconds
Postflow Time	1-25 Seconds
Up Slope Time	Fixed
Down Slope Time	Fixed
Start Amps	Fixed
End amps	Fixed
Stick Arc Force Control	Fixed
Stick Hot Start Time	Fixed
Stick Hot Start Intensity	Fixed
2T/4T Control	2T only
Wave Form	Adv. Square Wave

Safety/ Unit Protection Features:

Over Temperature Warning	Yes
Over Current Warning	Yes
Switch	Breaker Type

**RECOMMENDED OPTIONS**SKU # PCT-250
Everlast PowerCart Roll Around Cart with gas
cylinder space and lower water cooler berth.SKU # 47k-EVFP
Everlast made foot pedal to fit Everlast Power-
TIG inverter weldersSKU # 47k-SSCFP
US made foot pedal to fit Everlast PowerTIG
inverter welders

All specifications subject to change without notice.



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

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