



# Thunder 215

## MULTI-PROCESS

### Specifications

<b>Process:</b>	GMAW/F-CAW/GTAW-P/SMAW	<b>Input:</b>	Dual: 120/240V	<b>Output Range (120V) 240V:</b>	MIG: 30-(125A)215A; 15.5-(20.2)24.7V DC TIG: 10-(125A)215A; 10.5-(15)18.5V Stick: 10-(100A)175A; 20.4-(24)27V .030-.035" (.023-.030"; .030-.040" opt.)	<b>I1Max (Inrush) (120V) 240V:</b>	(33A) 37A	<b>I1Eff (Rated) (120)240V:</b>	(20A) 23A
<b>Duty Cycle:</b>	35% @ Max. Output Each Process	<b>OCV:</b>	85V	<b>Drive Roll Size:</b>		<b>Wire Spool Size:</b>	4"-8" (2-12 lbs.)	<b>MIG Gun Type:</b>	24 Series 3m.
<b>Digital Display:</b>	Color LCD 4.3" HD TFT	<b>Weight:</b>	57 lbs.	<b>Dimensions:</b>	17.8" H X 9.6" W X 27.5" L	<b>Max Wire Speed:</b>	(425) 600 IPM	<b>PowerSet Mode:</b>	Yes
<b>DC TIG Start:</b>	HV (solid start HF type), Lift Start with Remote, Live Lift Start	<b>Pedal:</b>	Yes	<b>TIG Pulse Type</b>	Fully adjustable, with 0-150Hz capability	<b>E 6010/Cellosic:</b>	Yes, with setting.	<b>Stick VRD</b>	Yes

## Sacrifice Nothing. Gain Everything.

### Digital IGBT Inverter Power Output

Three welding processes combined in one unit. The advanced IGBT inverter design allows the unit to be built to "no compromise" performance standards. One process' performance is not compromised in favor of the others.

### Large Digital Color Display

The large display 4.3" makes the main settings stand out at a distance so you can always see them at a glance from a distance. Color coding and graphics help you quickly identify and set parameters. New control layout design is not only sharp and clear, it is also easy to navigate.

### Cast Aluminum/Steel 2 Roll Wire Drive

Feed solid wire from .023" up to .040" in diameter and .045" Flux-Cored with optional drive rolls.

### Spool Gun and Push-Pull Gun Ready

If you need it, the unit is ready to weld with the optional Parker Spool Gun, Parker pistol style push-pull, or the in-line Everlast Premium Series Push-Pull systems for

### Tool-Free Euro Quick Connect

The best design used for connecting up your MIG gun period. No tools needed! Quickly and easily change the MIG gun with a lower chance of misalignment and leaking of mig gas. This Euro style has been around for 40 years and has proven itself to be one of the most popular designs in both North America and the world.



### Dual Voltage 120/240V Operation

Look on the back and you'll see that the unit is designed to operate on 120V or 240V input. No switching of terminals needed. The unit automatically senses the voltage when the supplied 240V to 120V adapter is used.

### Separate MIG and TIG gas connections

At the rear of the unit, the unit is equipped with two separate gas connections for independent MIG and TIG operations. No swapping of gas or regulators is required. This includes automatic gas control for TIG.

### PowerSet Function

No need to rely on complicated charts and menus to set up your machine. Simply select the desired process, and make basic inputs of wire/electrode size, and metal thickness and the unit adjusts to a useable setting automatically.

### Remote Function

The unit supports the use of the included foot pedal or torch switch to control the weld functions and Amperage.

### Easy Change of Polarity

Need to quickly change over for Flux-Cored wire, or back to solid wire? No problem. Twist and go. You've just changed your polarity.



### 5 Year Parts and Labor Warranty

Simply the best warranty in the business. Who else offers this without paying extra, or giving you a long list of exclusions?

## Uses: Fabrication, Home Hobby, Automotive, Motor Sports and Portable Repair

### Everything in One?

### A Multi-Process Welder Story.

Back in 2009, Everlast first offered its first glimpse of a self-contained compact multi-process MIG/ DC TIG/Stick machine during a time that no one really was thinking outside the box. In 2010, this type of unit became reality. It was years before other companies entered into the marketplace with their first offerings. By then, we were working on our third generation machine, and had expanded our product line offerings, continuing to put pressure on the industry to "do better." They have still to catch up to the level of features and performance offered in the DC MTS lineup.

The Thunder 215 is a fourth generation product that is fully matured and ready to tackle any type of job that is thrown its way. The unit outputs MIG and TIG amperage at 215 A @ an industry-leading 35% duty cycle. Stick output sits at a respectable 175A at 35% duty cycle as well. The sharp and bright color 4.3" LCD HD screen offers easy viewing and access to all parameters and functions without hidden menus or special button presses to get to another screen to manage even advanced operation. The unit also features a third generation synergic function for the unit that Everlast has named "PowerSet". The PowerSet synergic function offers both beginners and professionals a simplified setup experience by using user input of

basic operating parameters to provide a useable setting, without having to consult charts or graphs. While it provides a targeted setting, and automatically sets other settings that are adjustable in the manual mode, it does allow the operator to fine tune the main settings within a prescribed range achieve best performance for variations in weld position and joint design.

### More Features Than You'd Expect.

The unit doesn't skimp on features or performance. For any process, the arc quality is among the best in the industry. DC TIG is packed with many standard features. This includes HV start. This is touchless TIG arc start, which Everlast pioneered. The unit also features a fully adjustable pulse and foot pedal and torch switch (Remote) control of the weld cycle. Stick welding is a smooth as you'll find with any 1/8" 7018 or E6010 electrode. In addition there are many other standard features which include

- Synergic PowerSet function for easy, no-guess setup.
- Hot Start and Arc Force Control in Stick Mode.
- Lock and save up to 30 programs to prevent erasure and tampering.
- Push-Pull or Spool Gun operation for Aluminum MIG applications.
- TIG and Stick package included with the unit.

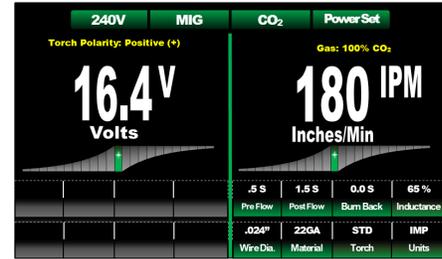
A bit closer up....

## MIG Manual Mode



VS.

## MIG Power Set Mode



### Key Features:

1. The green information bar at the top provides status and process reminders.
2. Torch Polarity and Gas Reminders reduce error when switching processes.
3. Full list of adjustable features including Spot and Stitch Timers.
4. Adjustable Pre and Post Gas Flow improves weld quality.
5. Start/End WFS/A and slope combine to improve arc starts and crater fill.
6. Burn Back control helps prevent wire sticking in weld at stop.
7. Inductance tailors MIG arc characteristics and bead profile to user's needs.
8. Select Imperial or Metric units for measurements and wire feed speed.
9. Remote operation selection changes torch trigger operation.
10. Numbers turn yellow to warn that the wire is crossing best short circuit settings and is crossing into spray arc and globular transfer range.
11. Unused settings are grayed-out when not applicable to the particular configuration of the welder. This helps eliminate confusion during setup.

### Key Features:

1. Input wire dimensions and material thickness after selecting process and the welder will automatically choose useable settings.
2. The programming automatically limits maximum thickness for different wire diameters and types.
3. All modes feature PowerSet, tailored to the individual process.
4. Unique graphic symbols change colors from green to yellow to red when adjustments reach a critical range that may result in undesirable operation.
5. Range of adjustment is generous for fine tuning, but does offer limits to help prevent non-workable settings by the operator.
6. Many settings are automatically eliminated from the menu and are automatically controlled to make setup easier.



Intuitive Operator Interface



30 Saveable and Lockable Programs



4" (2 lb.) and 8" (12 lb.) Spools



Dual Gas Inlets in Rear

## Standard Equipment and Options



### Standard Equipment:

- 10 ft (3m) 24 Series MIG Gun
- 250A Work Clamp and 10 ft (3m) Cable
- 26 Series Air-Cooled TIG torch
- 250A Stick Electrode Holder and 10ft (3m) Cable
- Brass Billet Floating Ball Type Argon Regulator
- Foot Pedal
- 240V to 120V Pigtail Power Adapter
- Starter Consumable Kit for MIG and TIG

### Recommended Options:

- 25 ft. Parker DSP 360A Spool Gun, #EV-DSP360A-24-P10-80ER
- 25 ft. Everlast MPG 300A Push-Pull Gun, #EV-MPG300A-25
- .023/.030" V Groove Drive Roll, #EV-DR-VG-0608-1
- .030/.040" V Groove Drive Roll, #EV-DR-VG-0810-1
- .023-.035" Blue Steel Liner, #EV-GM0500-BSL-10
- Welding Cart, #PC-375LF
- Welder Cover, # EV-CVR-S

### Can this unit be operated on a generator?

The small size and portability of the Thunder makes it a great choice for portable welding. We want you to get the best life and performance out of the unit while operating on a generator, so please follow these guidelines when choosing this welder and using your generator to match.

- The generator must be rated as "Clean Power Output", This means that it provides 5% or less Total Harmonic Distortion. The generator manufacturer determines this rating. Consult with them before your purchase.
- The generator must provide at least 9000 Surge Watts.
- Switch the welder off before powering down the generator. Do not run the generator out of fuel while the welder is switched on.
- Failure to follow these recommendations may void the welder warranty.

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