

## Power MTS Series

### DC Multi-Process Capability

Leading the way in the compact multi-process welder market for more than 10 years, Everlast's PowerMTS line continues to offer unmatched features and functions that perform far above the competition. The PowerMTS units offers MIG, DC TIG, and Stick output and other features which include:

- *Lift or HF Start in TIG Mode*
- *Foot Pedal Operation in TIG Mode*
- *Built-In Gas Solenoid for TIG.*
- *Program Sequencer for Remote Use.*
- *Memory up to 9 programs*
- *Synergic MIG operation*
- *Adjustable Inductance Control in MIG*
- *Full Torch and Foot Pedal Package*
- *Industry Best Duty Cycles*

## Lightning MTS Series

### Complete All-in-One Capability

As with the PowerMTS series, the new Lightning series is the first ever compact MIG/AC-DC TIG/Stick model to make it to market. Originally under the PowerMTS name, the Lightning series is the second generation of multi-process welders from Everlast that also features AC/DC TIG operation. Lightning models features a fully digital LED display and digital control. The new units are intuitive and allow the user to view at a glance and quickly make changes to most any common parameter. Additionally you will find:

- *Fully Synergic Setup of MIG, TIG and Stick Modes*
- *E6010 (Cellulosic) Stick Operation Mode*
- *Memory Up to 16 Programs*
- *Lift or HF Start in TIG Mode*
- *AC Wave Form Control in TIG*
- *Std. /Adv. TIG AC/DC Pulse (Adv. Pulse On 275 only)*

PowerMTS 211Si



PowerMTS 251Si



Lightning MTS225



Lightning MTS275



PowerMTS 400



### Why Buy a Multi-Process Unit?

What determines the usefulness of any tool? It is a question of whether the machine has what the user needs to get the job done or not. When you consider an MTS type unit, there's very little lacking to get the job done in almost any circumstance. The PowerMTS and Lightning MTS series are serious contenders for almost any job, thanks to the heavy duty construction and IGBT inverter components. They can be relied upon for daily, commercial/industrial use. With any of these units, You'll always have the right tool for the job, and won't have to worry about adding more equipment down the road.

The PowerMTS 211Si and 251Si are both very portable and can be used about anywhere a generator (clean powered of course) can be brought in to power it. The duty cycle at maximum output is unrivaled and makes both of them excellent choices for general steel/stainless fabrication chores and general maintenance activities.

The Lightning MTS 225 is small are a bit beefier, but still portable. They are perfect for use at stationary work stations where they can be trusted to weld Steel, Stainless, Titanium and even Aluminum any time and be ready to do so in a matter of mere seconds. With the addition of a water cooler either unit can fit into any fabrication environment.

| Model             | 120/240V | 240V 1Ph | 3 Ph* | MIG/DC TIG/Stick | MIG/AC-DC TIG/Stick | Pulse   | MIG Spool Size | Drive Rolls | Max A: M/T/S |
|-------------------|----------|----------|-------|------------------|---------------------|---------|----------------|-------------|--------------|
| PowerMTS 211Si    | •        |          |       | •                |                     | No      | 4"-8"          | 2           | 210/200/175A |
| PowerMTS 251Si    | •        |          |       | •                |                     | MIG/TIG | 8"-12"         | 4           | 250/250/200A |
| PowerMTS 400      |          | •        | •     | •                |                     | No      | 8"-12"         | 4           | 400/400/400A |
| Lightning MTS 225 | •        |          |       |                  | •                   | TIG     | 4"-8"          | 2           | 200/200/160A |
| Lightning MTS 275 | •        |          |       |                  | •                   | TIG     | 8"-12"         | 4           | 250/250/200A |

\* 3 Phase models may be optional and available as special order. Specify voltage at time of order. \$200.00 Special order charge applies.

# MULTI



## PowerMTS Series Features



1. IGBT inverter platform
2. Digitally controlled parameters and features
3. DC MIG/ DC TIG/ DC Stick processes
4. Synergic MIG function = One knob adjustment
5. Spool Gun and Synergic Spool Gun Functions
6. Pulse MIG (PowerMTS 252Si only)
7. HF Start in DC TIG (PowerMTS 211Si/251Si)
8. Out front TIG connections
9. Built in Solenoid for TIG ( PowerMTS 211Si/251Si)
10. 4 Roll Drive (PowerMTS 251Si/400)
11. 9 Memory function (PowerMTS 211Si/251Si)
12. Foot Pedal Capable

## Lightning MTS Series Features



1. IGBT inverter platform
2. Digitally controlled parameters and features
3. DC MIG/ AC-DC TIG/ DC Stick processes
4. Synergic function in MIG/TIG and Stick modes
5. Spool Gun and Synergic Spool Gun Functions
6. E-6010/Cellulosic Function
7. HF Start and Lift Start TIG
8. Out front TIG connections
9. Separate gas inlets for MIG and TIG
10. Digital 480 TFT Display
11. 16 Memory
12. Foot Pedal Capable
13. DC Pulse TIG
14. AC Pulse TIG
15. AC Advanced Pulse TIG
16. AC Wave Form Control



For more technical information and manual downloads go to [www.everlastwelders.com](http://www.everlastwelders.com).

## PowerMTS: Full of Industry-First Features

First Introduced in 2009, the PowerMTS units have excelled at providing rock solid performance and industry leading features. More than once the PowerMTS has lead the market with a new idea or design.

### Some of the "Firsts"

- First to feature Compact Design MTS type unit in 2009
- First to incorporate Gas solenoid for TIG in MTS type unit
- First to develop Foot Pedal for MTS Type unit
- First to include full TIG package as part of unit price
- First to develop (and still only) HF start for DC only TIG MTS units
- First to offer advanced features such as Arc Force Control and Inductance for MIG and TIG use.
- First to incorporate TIG Pulse
- First to incorporate MIG pulse in a DC MTS type unit.
- First to offer Spool Gun with DC MTS type unit.
- First to offer a full 5 year parts and labor warranty as standard.

## Lightning MTS Continues the Tradition

The new Lightning MTS series continues the tradition of firsts and exceeds the expectations established by the PowerMTS series. A completely new take on the MTS (MIG/TIG/Stick) type units, the Lightning features the industry's first MIG/TIG (AC and DC output)/Stick unit. Expanding upon the first MIG/ AC-DC TIG/Stick design found in the PowerMTS 221STi and PowerMTS 252STi, the Lightning series now offers synergic operation in all modes. It has a large, very visible TFT display. This new display design features a pinwheel menu design that allows nearly every commonly used feature to be viewed and accessed at the same time. Every value that you'd expect is right out front where you can see it. You want spent needless time accessing hidden menus, or scrolling through endless lists to make a setting change. No, we've thought it through and given you the best of the best, giving you a view of settings at a glance.

Here are a few firsts we think you might want to take a look at.

- First to incorporate AC/DC TIG in a MIG/TIG/Stick unit.
- First to incorporate Synergic design in all modes with unlocked settings such as pre-flow/ post flow/Inductance etc, available to the user
- First to offer Dual Voltage Design in MTS type unit.
- First to offer high duty cycle of 60% at maximum output. (Lighting MTS 275)
- First to offer both AC and DC Pulse in TIG.
- First to offer Adjustable AC Wave Forms. ( 3 in 225 and 4 in 275 models)
- First to offer Advanced AC Pulse (Mixed) in MTS type unit.
- First to introduce 2 MTS models with AC/DC TIG Output.
- First to offer 5 year warranty covering parts and labor.
- First to offer a complete torch package as standard equipment.
- First to offer a water cooler package for MTS type unit.

## Industry-Leading 5 Year Warranty (USA)

Continuing our tradition since 2008, our IGBT inverter Multi-Process units offer a 5 year standard warranty. This is still an industry leading warranty, which covers both parts and labor. No one has yet to match it.



## PowerMTS 211Si

### A Small and Portable Solution.

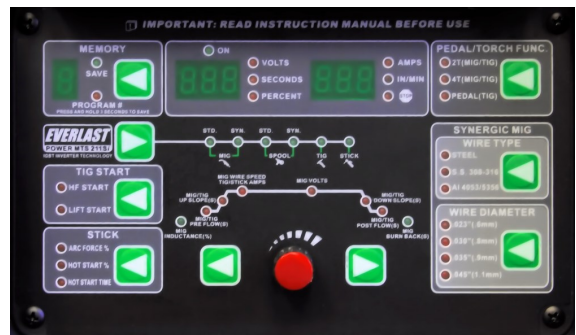
The PowerMTS 211Si is the perfect combination of size and performance. With up to 200 Amps of MIG/TIG welding power, and up to 175 Amps of Stick power, the unit is a perfect, go anywhere multi-process unit. This unit can be run off of a generator with clean power surge output of just 9000W.

Though the unit is DC only, the unit can be fitted with an optional spool gun if aluminum welding is desired. Smooth DC arc performance makes this unit a great choice for Stainless and Steel welding.



## PowerMTS 211Si

|                              |  |
|------------------------------|--|
| Process                      | MIG/TIG (DC Only)/Stick  |
| Input Voltage                | 120/240V Single Phase  |
| Inrush Current               | 120V: 33A / 240V: 36A  |
| Rated Current                | 120V: 21A / 240V: 23A  |
| OCV                          | 60V  |
| MIG/TIG/Stick Range 120/240V | 120V: 30-150A/10-125A/10-120A<br>240V: 30-210A/10-210A/10-175A |
| Wire Spool Size              | 4" and 8"  |
| Number of Drive Rolls        | 2  |
| Stock Drive Roll Size        | .023"-.030"  |
| Synergic Operation           | MIG only   |
| AC Wave Forms                | None   |
| Memory                       | 9 Slots  |
| MIG Pulse                    | No   |
| TIG Pulse                    | No   |
| TIG Start Type               | Lift or High Frequency   |
| E6010/Cellulosic Capability  | No   |
| Duty Cycle @ Max M/T/S Amps  | 40%/40%/40%  |
| Gas Inlets                   | 1  |
| Minimum Generator Required   | 9000W Clean Power Output ≤5% THD Rating                        |
| TIG Package Included         | Yes  |
| Size/Dimensions              | 17"H X 9"W X 24"L  |
| Weight                       | 60lbs  |
| Recommended Uses             | Home/Shop/Portable/Farm-Ranch                                  |



## What's Included



- 15 Series MIG Torch 10 ft.
- 26 Series TIG Torch 12.5 Ft (35 DINSE-Type Connector)
- Work Clamp 9 ft. (35 DINSE-Type Connector)
- Stick Electrode Holder 10 ft.
- Foot Pedal
- Regulator



<https://www.everlastgenerators.com/product/mig/powermts-211si-tig-package>

## Recommended Options

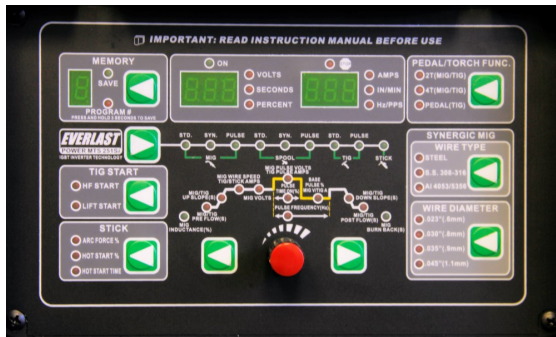


NOVA 17 Rota-Flex 25 ft.  
#NVA-17-RF-250-35QD



SM200N Spool-Gun (MTS)  
#SM200N-MTS

# MULTI



## What's Included



- 24 Series MIG Torch 10 ft.
- 26 Series TIG Torch 12.5 Ft (35 DINSE-Type Connector)
- Work Clamp 9 ft. (35 DINSE-Type Connector)
- Stick Electrode Holder 10 ft.
- Foot Pedal
- Regulator
- 8" Spool Adapter
- Torch Switch
- 240V to 120V Power Adapter



<https://www.everlastgenerators.com/product/mig/powermts-251si-tig-package>

## PowerMTS 251Si

**In a Class All By Itself.**

The biggest thing you'll notice about the PowerMTS 251Si is that the unit really breaks the mold and doesn't fit well into any MTS category. Yes, it's DC output only, but it also features Pulse MIG and Pulse TIG capability to add extra versatility. The unit allows you to save up to 9 programs for instant recall of favorite settings for fast start up. The unit also can operate on 120V or 240V with excellent output while operating on 120V. Duty cycle is strong with 40% at maximum output. It also can accommodate full sized (12") spools or medium sized (8") spools for maximum portability.

## PowerMTS 251Si

|                              |   |
|------------------------------|---|
| Process                      | MIG/TIG (DC Only)/Stick                         |
| Input Voltage                | 120/240V Single Phase                           |
| Inrush Current               | 120V: 43A / 240V: 45A                           |
| Rated Current                | 120V: 27A / 240V: 29A                           |
| OCV                          | 58V   |
| MIG/TIG/Stick Range 120/240V | 30-150A/10-150A/10-150A 30-250A/10-250A/10-200A |
| Wire Spool Size              | 8" and 12"                                      |
| Number of Drive Rolls        | 4   |
| Stock Drive Roll Size        | .035"-.045"                                     |
| Synergic Operation           | MIG only  |
| AC Wave Forms                | None  |
| Memory                       | 9 Slots   |
| MIG Pulse                    | Yes, Manually Set, Not Synergic 20-200Hz        |
| TIG Pulse                    | Yes, .1-250Hz                                   |
| TIG Start Type               | Lift or High Frequency                          |
| E6010/Cellulosic Capability  | No  |
| Duty Cycle @ Max M/T/S Amps  | 40%/40%/40%                                     |
| Minimum Generator Required   | 11,000W Clean Power Output ≤5% THD Rating       |
| TIG Package Included         | Yes   |
| Size/Dimensions              | 18"H X 11"W X 25"L                              |
| Weight                       | 80lbs (Shipping)                                |
| Recommended Uses             | Home/Shop/Portable/Farm-Ranch/ Fabrication      |

## Recommended Options



Water Cooler  
Part# PCW-300-240



Parker Spool Gun  
Part# EV-PK360DGP-25



NOVA 20 Rotaflex 25 Ft.  
Part# NVA-RF-20-250-35QD

## PowerMTS 400

### More Power.

There's not much to say about our PowerMTS 400 power source except, Wow! This unit features a full 400 amps of welding power at maximum output. The unit has more than enough power to weld almost anything you will come across.

The unit features DC output and uses a detachable wire feeder for MIG and Flux Core wire feeding duties up to 75 feet from the power source. The unit has stitch and crater fill features for fine weld control. Inductance control adjusts the arc quality and feel from stiff to smooth and buttery, allowing spatter to be dialed out. It is well behaved with pure CO<sub>2</sub> or Mixed Ar/CO<sub>2</sub>.

Stick function is excellent with the ability to weld or gouge (in 3 phase mode only). Up to 400 Amps Stick capability allows the unit to be used with electrodes up to 1/4". Adjustable Arc Force control allows arc action to be laid back, or driving and aggressive for perfect control with any rod.

DC TIG function is powerful and controlled, with scratch start function only.



### PowerMTS 400

|  |  |
|--|--|
| Process  | MIG/TIG (DC Only)/Stick  |
| Input Voltage  | 240V Single Phase 480V 3 Phase   |
| Rated Current  | 1 Phase 240V: 60A 3 Phase 480V: 24A  |
| OCV  | 70V  |
| MIG/TIG/Stick Range<br>240V (1 Phase) / 480V (3 phase) | 240V 1 Phase 60-315A/20-300A/20-300A<br>480V 3 Phase 60-400A/20-400A/10-400A |
| Wire Spool Size  | 8" and 12"   |
| Number of Drive Rolls                                  | 4  |
| Stock Drive Roll Size                                  | .035"-.045"  |
| Synergic Operation                                     | No   |
| AC Wave Forms  | None   |
| Memory   | None   |
| MIG Pulse  | None   |
| TIG Pulse  | None   |
| TIG Start Type   | Scratch Start  |
| E6010/Cellulosic Capability                            | Yes  |
| Duty Cycle @ Max M/T/S Amps                            | 60%/60%/60%  |
| Minimum Generator Required                             | (240V) 15,000W Clean Power Output ≤5% THD Rating                             |
| TIG Package Included                                   | Yes  |
| Size/Dimensions  | 22.2"H X 12.2"W X 27"L   |
| Weight   | 143lbs (With Feeder/Cart)  |
| Recommended Uses                                       | Fabrication Shop, Industrial Production, Farm/Ranch                          |

### Recommended Options



Water Cooler  
Part# PCW-400-240



NOVA 20 Rotaflex 25 Ft.  
Part# NVA-RF-20-250-35QD

### What's Included



- 36 Series MIG Torch 10 ft.
- 26 Series TIG Torch 12.5 Ft (35 DINSE-Type Connector)
- Work Clamp 9 ft. (35 DINSE-Type Connector)
- Stick Electrode Holder 10 ft.
- Regulator
- 8" Spool Adapter
- Torch Switch



<https://www.everlastgenerators.com/product/mig/powermts-400>



# MULTI



## What's Included



- 15 Series MIG Torch 10 ft.
- 26 Series TIG Torch 12.5 Ft (35 DINSE-Type Connector)
- Work Clamp 9 ft. (35 DINSE-Type Connector)
- Stick Electrode Holder 10 ft.
- Foot Pedal
- Regulator
- 8" Spool Adapter
- Torch Switch
- 240V to 120V Power Adapter



<https://www.everlastgenerators.com/product/mig/lightning-mts-225-tig-package>

## Lightning MTS 225 Second Generation Success.

The industry was changed forever by the predecessor of the Lightning MTS 225. The PowerMTS 221STi, was the first compact MIG, AC/DC TIG, and Stick unit to come to market. It was innovative and reliable full of many functions that the industry still hasn't matched to date. The blood line continues strong in the new Lightning series. The new Lightning MTS 225 has the same features as the old PowerMTS 221STi, but has a few new ones of its own, with the synergic Power Set function and fully digital LCD display. A new wave form for has been added as well for AC use in the form of a Soft Square wave.

## Lightning MTS 225

|                              |   |
|------------------------------|---|
| Process                      | MIG/AC-DC TIG/Stick                             |
| Input Voltage                | 120/240V Single Phase                           |
| Inrush Current               | 120V: 28A / 240V: 26A                           |
| Rated Current                | 120V: 17A / 240V: 18A                           |
| OCV                          | 74V   |
| MIG/TIG/Stick Range 120/240V | 30-125A/10-125A/10-100A 30-200A/10-200A/10-160A |
| Wire Spool Size              | 4" and 8"                                       |
| Number of Drive Rolls        | 2   |
| Stock Drive Roll Size        | .023"-.030"                                     |
| Synergic Operation           | MIG/TIG/Stick                                   |
| AC Wave Forms                | Advanced Square, Soft Square, Triangular        |
| Memory                       | 16 Slots  |
| MIG Pulse                    | No  |
| TIG Pulse                    | Yes, 1-150Hz AC and DC                          |
| TIG Start Type               | Lift or High Frequency                          |
| E6010/Cellulosic Capability  | Yes (with use of Power Set Mode)                |
| Duty Cycle @ Max M/T/S Amps  | 35%/60%/60%                                     |
| Minimum Generator Required   | 7,500W Clean Power Output ≤5% THD Rating        |
| TIG Package Included         | Yes   |
| Size/Dimensions              | 18"H X 11"W X 25"L                              |
| Weight                       | 80lbs (Shipping)                                |
| Recommended Used             | Home/Shop/Portable/Farm-Ranch/ Fabrication      |

## Recommended Options



Water Cooler  
Part# PCW-300-240



SM200N Spool-Gun (MTS)  
#SM200N-MTS



NOVA 20 Rotaflex 25 Ft.  
Part# NVA-RF-20-250-35QD

## Lightning MTS 275

As popular as some of the other PowerMTS and Lightning models are, the Lightning MTS 275 seems to be the most popular addition to our new line. The Lightning MTS 275 has about everything you need, and nothing that you don't. The intuitive design of the Lightning 275 allows the user to see almost all relevant settings at a glance in the pin wheel menu. The user won't have to wade through endless hidden menus, or press crazy combinations of buttons to access important features. The Lightning series features the new synergic PowerSet function which allows the new users to start welding quickly.

### Lightning MTS 275

|                              |  |
|------------------------------|--|
| Process                      | MIG/TIG (DC Only)/Stick  |
| Input Voltage                | 120/240V Single Phase  |
| Inrush Current               | 120V: 42.8A 240V: 44.9A  |
| Rated Current                | 120V: 26A 240V: 23A  |
| OCV                          | 74V  |
| MIG/TIG/Stick Range 120/240V | 120V: 30-150A/10(15)-150A/10-120A<br>240V: 30-250A/ 10(15)-250A/ 10-200A |
| Wire Spool Size              | 8" and 12"   |
| Number of Drive Rolls        | 4  |
| Stock Drive Roll Size        | .035"-.045",   |
| Synergic Operation           | MIG/TIG/Stick  |
| AC Wave Forms                | Adv. Square, Soft Square, Triangular, Sine Wave                          |
| Memory                       | 16 slots   |
| MIG Pulse                    | None   |
| TIG Pulse                    | Yes, .1-150 Hz AC and DC, .1-10Hz Adv. AC                                |
| TIG Start Type               | Lift and High Frequency  |
| E6010/Cellulosic Capability  | Yes (with use of Power Set Mode)   |
| Duty Cycle @ Max M/T/S Amps  | 60%/60%/60%  |
| Minimum Generator Required   | (240V) 15,000W Clean Power Output ≤5% THD Rating                         |
| TIG Package Included         | Yes  |
| Size/Dimensions              | 21"H X 11"W X 25"L   |
| Weight                       | 84 lbs.  |
| Recommended Used             | Home/Shop/Portable/Farm-Ranch/ Fabrication                               |

### Recommended Options



Water Cooler  
Part# PCW-400-240



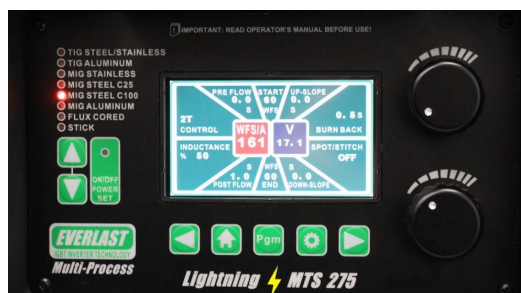
NOVA 20 Rotaflex 25 Ft.  
Part# NVA-RF-20-250-35QD



Power Cart 300  
Part# PC300-M



Parker Spool Gun  
Part# EV-PK360DGP-25



### What's Included



- 36 Series MIG Torch 10 ft.
- 18 Series TIG Torch 12.5 Ft (35 DINSE-Type Connector)
- Work Clamp 9 ft. (35 DINSE-Type Connector)
- Stick Electrode Holder 10 ft.
- Foot Pedal
- Regulator
- 8" Spool Adapter
- Torch Switch
- 240V to 120V Power Adapter

