



Stick and TIG: A Perfect Combination.

Everlast's PowerARC line welders are designed to be both DC Stick and DC TIG welders. All units are DC output only. For Stick welding, DC output is the preferred output of professional welders. The arc qualities of DC are far superior to AC and meet requirements for code welding and commercial applications. For TIG Welding, DC out is a perfect for welding nearly every metal except Aluminum and Magnesium. Every welder in the PowerARC line is designed with arc quality and stability in mind. Several models are rated for E6010 use, which if you are a professional pipe or structural welder, you know that cellulosic capability for rods like E6010 and E6011 is an absolute must have. Of course, if a unit is E6010 rated, naturally it can handle any other welding electrode as well. The remaining models, while not E6010 capable, are still perfect for daily steel welding chores with rods like E7014, E7018, E6013, etc. Common stainless rods like 309L, 316 weld smoothly and spatter free as well with all models. Features like arc force control and hot start adjustments are included on most all models. With the wide range of stick models, there is a unit designed to meet nearly every customer's stick welding needs without having to reach deep into budgets. A 5 year parts and labor warranty is there to protect your interest for the long haul. That's a better warranty than you'll find with other brands.

For those that need or want to be able to TIG weld, all models feature a DC TIG mode. Some units feature a very basic "TIG Rig" lift start capability for field work, while others feature more advanced features such as built in solenoid, High Frequency Start, 2T/4T Sequencer, Foot Pedal capability, Pulse and more. One thing that is apparent is that with Foot Pedal capable models, low end control and arc stability is second to none. For our lift start TIG Rig customers, you'll find our units are handy and perform competitively with similar models on the market at a fraction of the cost.

PowerARC Comparison Guide

The PowerARC units have a wide variety of features for each model. Below we have put some of our most commonly compared features listed side by side for easy comparison. However, this is not exhaustive in all the features every model has to offer. Please consult each product listing for a full and individual list of features.

Model	120/240V	240V	TIG KIT	HF Start TIG	Gas Solenoid	Foot Pedal *	Arc Force	Hot Start	VRD**	Anti-Stick	Pulse	E6010	Max A: Stick/TIG
PowerARC 140STi	●	1Ph	●				●	●					140A/140A
PowerARC 160i STH	●	1Ph	●	●	●	●	●	●					160A/160A
PowerARC 161STH	●	1Ph	●	●	●	●	●	●	●	●	●	●	160A/160A
PowerARC 200STi	●	1Ph					●	●	●			●	200A/200A
PowerARC 210STL	●	1Ph			●	●	●	●	●	●		●	200A/200A
PowerARC 280STH		1/3 Ph	●	●	●	●	●	●	●		●	●	250A/280A
PowerARC 300STi		1/3 Ph					●	●				●	300A/300A

* Foot Pedal optional, but foot pedal and amprotol operation supported.

** VRD= Voltage Reduction Device. Lowers Stick OCV when engaged for safety where required for use. The use of VRD can reduce starting efficiency.



PowerARC 140STi

PowerARC 160i STH

PowerARC 161STH

PowerARC 200STi and PowerARC 210STL

PowerARC 280STH and PowerARC 300STi

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

STICK



DC SMAW/GTAW



What's Included*



- 200 Amp Electrode Holder with 9 Ft. Cable (25 DINSE-Type Connector)
- 17V Series TIG Torch 12.5 Ft (25 DINSE-Type Connector)
- Work Clamp 6 ft. (25 DINSE-Type Connector)
- 240V to 120V Adapter
- Case

*Be sure to purchase a regulator with this unit for TIG use.



PowerARC 140STi

Excellent Welding Power in a Micro Size.

If the small size doesn't get you, the performance of the machine will. This tiny lunch box sized welder packs up to 140 Amps of Stick welding power. With arc force control and hot start intensity settings, this unit offers you professional level control over the Stick welding process. The unit comes with a convenient storage case and a 17 series Gas valve torch for Lift Start DC TIG operation. This unit has the ability to be used on 120V for portable application. When in stick mode on 120V, you'll have to step down your rod size, but the unit has enough power to get you out of pinch if 240V power isn't available. If you need to TIG weld, this unit is great for portable use for lift start TIG Rig welding. While you are welding at a preset amperage, the arc remains stable and constant, perfect for making stainless repairs. If you intend to use the TIG function, be sure to purchase a regulator for this unit.

PowerARC 140STi

Process	DC Stick/ DC TIG
Input Voltage	120/240V Single Phase
Inrush Current	120V: 28.1A / 240V: 24.2A
Rated Current	120V: 15.7A / 240V: 18.3A
OCV	70V
Stick/TIG Range 120/240V	120V: 10-80A/10-80A 240V: 10-140A/10-140A
Stick Arc Force	0-100%
Stick Hot Start Intensity	0-100%
Stick Hot Start Time	Fixed
Built-in Gas Solenoid	No
E6010/Cellulosic Capability	No
TIG Kit Included	Yes (Regulator Optional)
Stick Kit Included	Yes, with Work Clamp
TIG Pulse	No
TIG 2T/4T Control	No
TIG Up Slope	No
TIG Down Slope	No
TIG Pre-Flow	Manually Controlled on Gas Valve Torch
TIG Post-Flow	Manually Controlled on Gas Valve Torch
TIG Start Type	Lift (Live Constantly)
Voltage Reduction Device	No
Anti-Stick (Stuck Rod)	No
Duty Cycle @ Max S/T Amps	35%/35%
Minimum Generator Required	6000W Clean Power Output ≤5% THD Rating
Size/Dimensions	9"H X 5"W X 12"L
Weight	10lbs
Recommended Uses	Home/Shop/Portable/Farm-Ranch

<https://www.everlastgenerators.com/product/tig-stick/powerarc-140sti>

PowerARC 160i STH

Your Gateway to TIG.

Perhaps the best thing about the PowerARC 160i STH is the amazing stable DC TIG arc that it has. This unit of course serves to fill most stick welding needs, but with the foot pedal capability and High Frequency start capability of this machine, it is really a great starter TIG. While it doesn't have a lot of bells and whistles, it does have a built in gas solenoid for automatic gas control. All things considered, it can help you get a toe hold on the TIG welding process while you hone your basic stick welding skills. If you are looking for something like this, but with more refinement and greater stick capability, take a look at the PowerARC 161STH.

PowerARC 160i STH

Process	DC Stick/ DC TIG
Input Voltage	120/240V Single Phase
Inrush Current	120V: 29.7A / 240V: 28.8A
Rated Current	120V: 18A / 240V: 17A
OCV	70V
Stick/TIG Range 120/240V	120V: 10-90A/10-90A 240V: 10-160A/10-160A
Stick Arc Force	0-100%
Stick Hot Start Intensity	0-100%
Stick Hot Start Time	Fixed
Built-in Gas Solenoid	Yes
E6010/Cellulosic Capability	No
TIG Kit Included	Yes
Stick Kit Included	Yes, with Work Clamp
TIG Pulse	No
TIG 2T/4T Control	Yes
TIG Up Slope	No
TIG Down Slope	Yes
TIG Pre-Flow	Auto
TIG Post-Flow	0-10s
TIG Start Type	Live Lift, Lift with remote, High Frequency
Voltage Reduction Device	No
Anti-Stick (Stuck Rod)	No
Duty Cycle @ Max S/T Amps	35%/35%
Minimum Generator Required	6500W Clean Power Output ≤5% THD Rating
Size/Dimensions	11"H X 7"W X 17"L
Weight	25lbs
Recommended Uses	Home/Shop/Portable/Farm-Ranch



What's Included*



- 200 Amp Electrode Holder with 9 Ft. Cable (25 DINSE-Type Connector)
- 17 Series TIG Torch 12.5 Ft (25 DINSE-Type Connector)
- Work Clamp 6 ft. (25 DINSE-Type Connector)
- 240V to 120V Adapter
- Regulator
- Case

*Be sure to purchase the optional NOVA EV-FP22-NWI foot pedal for precise amp control for TIG use. Or use included TIG torch switch with amp control only on the panel.



STICK



DC SMAW/GTAW



What's Included*



- 200 Amp Electrode Holder with 9 Ft. Cable (25 DINSE-Type Connector)
- 17 Series TIG Torch 12.5 Ft (25 DINSE-Type Connector)
- Work Clamp 6 ft. (25 DINSE-Type Connector)
- 240V to 120V Adapter
- Regulator
- Case

*Be sure to purchase the optional NOVA EV-FP22-NWI foot pedal for precise amp control for TIG use. Or use included TIG torch switch with amp control only on the panel.



PowerARC 161STH

Everything You Need for DC Stick and DC TIG.

If you need a highly portable solution to your DC Stick and DC TIG welding needs, the PowerARC 161STH has everything you need. The Stick capabilities are fully furnished with Hot Start, Arc Force, VRD, and Anti-Stick functions. With this unit, you can even weld E6010. But if you are going to need the TIG function, you will show up confident at the job site with 3 different ways of starting the TIG arc with two types of Lift TIG, and HF start. All operating with the built in gas solenoid so no need for a cumbersome gas valve torch. Need TIG Pulse capability? No problem. This unit has it. In fact it also has pre and post flow control, and even downslope for 2T/4T operation without a foot pedal. Need to add a foot pedal? No problem again. This unit supports foot pedal operation. Of course, the foot pedal is optional, but you can also still use the included torch switch to control your arc starting and stopping.

PowerARC 161STH

Process	DC Stick/ DC TIG
Input Voltage	120/240V Single Phase
Inrush Current	120V: 29.7A / 240V: 28.8A
Rated Current	120V: 18A / 240V: 17A
OCV	70V (VRD<24V)
Stick/TIG Range 120/240V	120V: 10-80A/10-80A 240V: 10-140A/10-140A
Stick Arc Force	0-100%
Stick Hot Start Intensity	0-100%
Stick Hot Start Time	0-2s
Built-in Gas Solenoid	Yes
E6010/Cellulosic Capability	Yes
TIG Kit Included	Yes
Stick Kit Included	Yes, with Work Clamp
TIG Pulse	Yes
TIG 2T/4T Control	Yes
TIG Up Slope	No
TIG Down Slope	0-10s
TIG Pre-Flow	0-25s
TIG Post-Flow	0-25s
TIG Start Type	Live Lift, Lift with remote, High Frequency
Voltage Reduction Device	Yes
Anti-Stick (Stuck Rod)	Yes
Duty Cycle @ Max S/T Amps	35%/35%
Minimum Generator Required	6500W Clean Power Output ≤5% THD Rating
Size/Dimensions	11" H X 7" W X 17" L
Weight	25lbs
Recommended Uses	Home/Shop/Portable/Farm-Ranch

PowerARC 200STi

Your Gateway to TIG.

For those guys that need more stick welding power and E-6010 capability, the PowerARC 200STi is a perfect choice. This unit has everything you need to weld stick on the job site. These units feature hot start intensity, hot start time, and arc force control adjustments to allow you to completely adjust the unit to your liking. Combined with the E-6010, cellulosic setting, the unit shines as an all around performer in the field.

For those needing to run a root pass on pipe, this unit does balk either when an TIG Rig is added (optional) thanks to the TIG lift arc feature.



PowerARC 200STi

Process	DC Stick/ DC TIG
Input Voltage	120/240V Single Phase
Inrush Current	120V: 39.2A / 240V: 36.8A
Rated Current	120V: 24A / 240V: 22A
OCV	70V (VRD<24V)
Stick/TIG Range 120/240V	120V: 10-120A/10-120A 240V: 10-200A/10-200A
Stick Arc Force	0-100%
Stick Hot Start Intensity	0-100%
Stick Hot Start Time	0-2 Seconds
Built-in Gas Solenoid	No
E6010/Cellulosic Capability	Yes
TIG Kit Included	No
Stick Kit Included	Yes, with Work Clamp
TIG Pulse	No
TIG 2T/4T Control	No
TIG Up Slope	No
TIG Down Slope	No
TIG Pre-Flow	Manually Controlled with Torch Valve
TIG Post-Flow	Manually Controlled with Torch Valve
TIG Start Type	Continuously Live Lift
Voltage Reduction Device	No
Anti-Stick (Stuck Rod)	No
Duty Cycle @ Max S/T Amps	35%/35%
Minimum Generator Required	6500W Clean Power Output ≤5% THD Rating
Size/Dimensions	13"H X 7"W X 16"L
Weight	25lbs
Recommended Uses	Home/Shop/Portable/Farm-Ranch



What's Included*



- 200 Amp Electrode Holder with 9 Ft. Cable (35 DINSE-Type Connector)
- Work Clamp 6 ft. (35 DINSE-Type Connector)
- 240V to 120V Adapter

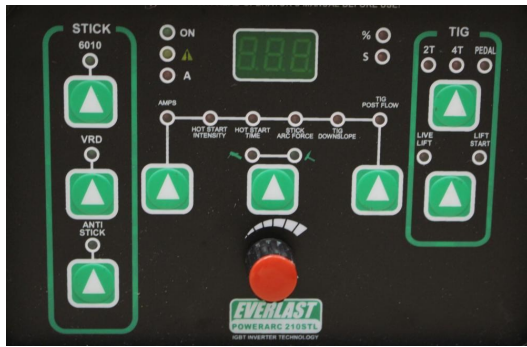
*For TIG use you must purchase the NOVA 17V gas valve torch with 35 DINSE connector and regulator. This unit does not support the use of a foot pedal.



STICK



DC SMAW/GTAW



What's Included*



- 250 Amp Electrode Holder with 9 Ft. Cable (35 DINSE-Type Connector)
- Work Clamp 6 ft. (35 DINSE-Type Connector)
- 240V to 120V Adapter

*For TIG use you must purchase the NOVA 17V gas valve torch with 35 DINSE connector and regulator. This unit does not support the use of a foot pedal.



PowerARC 210STL

Problem Solver.

Never run out of options. That's the idea behind the PowerARC 210STL. It has everything you need to weld stick or TIG, and really nothing that you don't. When it comes to being well rounded and a bargain, the PowerARC 210STL can't be beat. Able to weld E6010, meet VRD requirements on the job site, and provide stuck-rod/anti-stick capability, this unit has everything a professional could need as a stick welder. Add to that a full compliment of important stick features such as arc force and hot start intensity and time controls, this unit has everything to perform on the pipeline or in the industrial shop. Just as with other PowerARCs that have come before, the hallmark characteristic is the smooth, low spatter arc that drives out customers to replace whole fleets of other color welders. But this unit is a TIG welder too. It has a built-in gas valve and foot pedal capability that makes running a root pass an effortless activity.

PowerARC 210STL

Process	DC Stick/ DC TIG
Input Voltage	120/240V Single Phase
Inrush Current	120V: 39.2A / 240V: 36.8A
Rated Current	120V: 24A / 240V: 22A
OCV	70V (VRD<24V)
Stick/TIG Range 120/240V	120V: 10-120A/10-120A 240V: 10-200A/10-200A
Stick Arc Force	0-100%
Stick Hot Start Intensity	0-100%
Stick Hot Start Time	0-2s
Built-in Gas Solenoid	Yes
E6010/Cellulosic Capability	Yes
TIG Kit Included	No
Stick Kit Included	Yes, with Work Clamp
TIG Pulse	No
TIG 2T/4T Control	Yes
TIG Up Slope	No
TIG Down Slope	0-5s
TIG Pre-Flow	Fixed
TIG Post-Flow	0-10s
TIG Start Type	Live Lift, Lift with remote
Voltage Reduction Device	Yes
Anti-Stick (Stuck Rod)	Yes
Duty Cycle @ Max S/T Amps	35%/35%
Minimum Generator Required	8900W Clean Power Output ≤5% THD Rating
Size/Dimensions	13"H X 7"W X 16"L
Weight	25lbs
Recommended Uses	Home/Shop/Portable/Farm-Ranch

<https://www.everlastgenerators.com/product/tig-stick/powerarc-210stl>

PowerARC 280STH

Best of Both Worlds.

If you think that you can't have everything in a DC Stick and TIG welder, then take a look at the PowerARC 280STH. This unit not only has plenty of power for most any rod type and size, the PowerARC 280STH has even more TIG welding power. This unit has functions that aren't even found on more expensive machines. Seriously. This unit as a Stick welder, performs flawlessly on E7018, and has a E6010 setting for more aggressive cellulosic electrode needs. The unit also has a VRD, which is required on some job sites for operator safety. Arc force control, hot start time and intensity adjustments round out the stick features. The TIG function has every feature that you could ask for in the way of a DC TIG welder, including low amp start and fully adjustable pulse. You can choose between Foot Pedal operation or 2T/4T torch switch operation. And, you can choose between lift start (with remote) or HF start operation.

PowerARC 280STH

Process	DC Stick/ DC TIG
Input Voltage	240V 1 or 3 Phase
Inrush Current	1 Ph: 52A / 3 Ph: 30A
Rated Current	1 Ph: 42A / 3 Ph: 24A
OCV	70V (VRD<24)
Stick/TIG Range	20-250A/5-280A
Stick Arc Force	0-100%
Stick Hot Start Intensity	0-100%
Stick Hot Start Time	0-2 Seconds
Built-in Gas Solenoid	Yes
E6010/Cellulosic Capability	Yes
TIG Kit Included	Yes (Pedal Optional)
Stick Kit Included	Yes, with Work Clamp
TIG Pulse	Yes
TIG 2T/4T Control	Yes
TIG Up Slope	0-25s
TIG Down Slope	0-25s
TIG Pre-Flow	0-25s
TIG Post-Flow	0-30s
TIG Start Type	Lift (with remote)/High Frequency
Voltage Reduction Device	Yes
Anti-Stick (Stuck Rod)	No
Duty Cycle @ Max S/T Amps	35%/35%
Minimum Generator Required	12,500W Clean Power Output ≤5% THD Rating
Size/Dimensions	17"H X 9"W X 22"L
Weight	60lbs
Recommended Uses	Home/Shop/Portable/Farm-Ranch



What's Included*



- 250 Amp Electrode Holder with 9 Ft. Cable (35 DINSE-Type Connector)
- HD Work Clamp 6 ft. (35 DINSE-Type Connector)
- 26 Series Air-Cooled Torch (200 A) 12.5 Ft. (35 DINSE-Type Connector) and Consumable Starter Kit. (No Tungsten)
- Regulator.
- Torch Switch

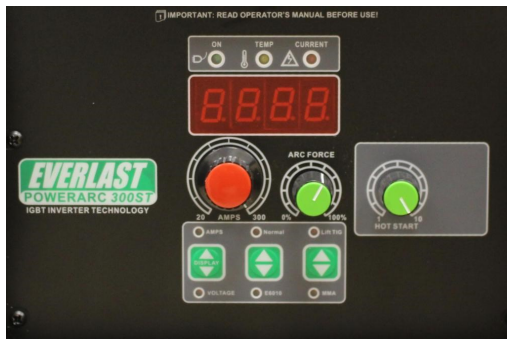
*The foot pedal is optional on this unit. Please purchase separately. The unit is 1 and 3 phase and does not include a plug. Customer is responsible for purchasing correct plug for the input application.



STICK



DC SMAW/GTAW



What's Included*



- 300 Amp Electrode Holder with 9 Ft. Cable (35 DINSE-Type Connector)
- Work Clamp 6 ft. (35 DINSE-Type Connector)
- 240V to 120V Adapter

*For TIG use you must purchase the NOVA 17V gas valve torch with 35 DINSE connector and regulator. This unit does not support the use of a foot pedal.



PowerARC 300STi

Professional Power.

The PowerARC 300STi is a third generation powerhouse. With 300 amps of power, and all the features you need for perfect arc control this unit takes a back seat to nobody when it comes to getting the job done on a budget. If you think that corners are cut to provide so much power at a budget price, think again. The PowerARC 300 series have stood the test of time. They've been in use in about every scenario imaginable and continue to provide flawless results. This unit is designed for the long haul customer. It will yield weld after weld of beautiful, low spatter welds, the kind that you don't get out of an ordinary buzz box or cheap AC/DC machine. It also is a good choice for the portable repair operator or pipe-liner looking to run high Amp TIG rig out in the field. The Lift start TIG feature provides a constantly live Tungsten for easy, no nonsense starting. A five year parts and labor warranty is there to back you up as well.

PowerARC 300STi

Process	DC Stick/ DC TIG
Input Voltage	240V 1 and 3 Phase
Inrush Current	1 Ph 60A / 3Ph 45A
Rated Current	1 Ph 46.8A / 3 Ph 31A
OCV	70V
Stick/TIG Range	20-300A/20-300A
Stick Arc Force	0-100%
Stick Hot Start Intensity	0-100%
Stick Hot Start Time	Fixed
Built-in Gas Solenoid	No
E6010/Cellulosic Capability	Yes
TIG Kit Included	No
Stick Kit Included	Yes, with Work Clamp
TIG Pulse	No
TIG 2T/4T Control	No
TIG Up Slope	No
TIG Down Slope	No
TIG Pre-Flow	Manually Controlled with a Gas Valve Torch
TIG Post-Flow	Manually Controlled with a Gas Valve Torch
TIG Start Type	Continuously Live Lift
Voltage Reduction Device	No
Anti-Stick (Stuck Rod)	No
Duty Cycle @ Max S/T Amps	35%/35%
Minimum Generator Required	8900W Clean Power Output ≤5% THD Rating
Size/Dimensions	13"H X 7"W X 16"L
Weight	25lbs
Recommended Uses	Home/Shop/Portable/Farm-Ranch

<https://www.everlastgenerators.com/product/tig-stick/powerarc-300st>