

PowerARC 200ST/300



POWERARC 200ST (DUAL VOLTAGE)

PROCESS: SMAW/DC GTAW*

INPUT: 110V/39 A 220V/39 A 50/60 Hz 1 phase

OCV: 75 V

WEIGHT: 38 LBS

OUTPUT: 20-120 A (110V), 20-200 A (220V) DUTY CYCLE: 35% @ 120 A/ 200 A

PROTECTION: IP21S

INSULATION GRADE: F

DIMENSIONS: 7"X12.5"X12.5"

ELECTRODE DIAMETER: 1/16" – 5/32"

CLASSIFICATION: INDUSTRIAL

* WITH OPTIONAL GAS VALVE TORCH

POWERARC 300

PROCESS: SMAW/DC GTAW*

INPUT: 220V 60A/39A 50/60 Hz 1/3 phase

OCV: 70 V

WEIGHT: 50 LBS

OUTPUT: 10-300 A

PROTECTION: IP21S

INSULATION GRADE: F

DIMENSIONS: 10"X17"X21"

DUTY CYCLE: 60% @ 300 A

ELECTRODE DIAMETER: 1/16" – 1/4"

CLASSIFICATION: INDUSTRIAL

*WITH OPTIONAL GAS VALVE TORCH



SUITABLE FOR:

- ⇒ Portable Repair
- ⇒ Pipeline
- ⇒ Shipyard
- ⇒ Construction
- ⇒ Farm

The revolution in the industry caused by IGBT inverters has given rise to small, but powerful power sources for welding. The PowerArc 200ST/300 series welders from Everlast has established itself as a serious contender on jobsites and home garages alike. The excellent arc characteristics demonstrated with E 6010 cellulosic welding rods have earned them reputation among many professionals in the industry. The smooth, low spatter arc of the PowerARC welding with E7018 is definitely something to be experienced. Both the Everlast PowerARC 200ST and the Power ARC 300 compete favorably against any inverter welder on the market to say the least. Comments often heard about their arc stability and feel compare them to the beloved pipe line welders from 50 years ago. Both units are well rounded and keep pace at any job site or home shop.

INDUSTRIAL PERFORMANCE

ARC FORCE CONTROL:

The Power ARC 200ST automatically adapts arc force changes with arc length, keeping the puddle under control and preventing the arc from extinguishing with cellulose based flux electrodes. The PowerARC 300 offers adjustable setting for the arc force to offer a customizable welding experience.

FAST, HOT STARTS:

As electrode contact is made with the work piece, a brief surge of current to prevent sticking and to heat the weld puddle quickly for reduced porosity. The PowerARC 200 features automatic control of hot start, while the PowerARC 300 offers adjustable control of hot start, with the ability to set the "surge" amps to tailor the arc start behavior to customers demands.

DEDICATED E6010 SETTING:

The separate E6010 port offers dedicated, E6010 weldability without having to sacrifice arc qualities for other welding rods. This gives the welder the ability to perform in all conditions.

THERMAL/CURRENT PROTECTION:

The PowerARCs feature thermal and current overload protection which disables weld output until the condition has been resolved. A dual-color LED indicates the type of fault incurred.

RECOMMENDED DUTY FOR AIR CARBON ARC CUTTING:

POWERARC 200: NR POWERARC 300: LIGHT-MEDIUM

SMAW



everlastwelders.com

1-877-755-9353

Specifications and Accessories subject to change without notice.

329 Littlefield Ave. South San Francisco, CA 94080

**DUAL
VOLTAGE**

PowerARC 140ST/160STH

CC

IGBT

DC



POWERARC 140 ST

PROCESS: SMAW/DC GTAW* (LIFT START)
INPUT: 120V, 26A/240V 25A 50/60 Hz, 1 phase
OCV: 70 V
WEIGHT: 25 LBS

OUTPUT: 10-80 /10-140 A
PROTECTION: IP21S
INSULATION GRADE: F
DIMENSIONS: 6"X10"X12"

DUTY CYCLE: 35% @ 90/140 A
ELECTRODE DIAMETER: 1/16" – 5/32"
CLASSIFICATION: PRO/HOBBY
* INCLUDES GAS VALVE TORCH

POWERARC 160 STH

PROCESS: SMAW/DC GTAW*(LIFT/HF START)
INPUT: 120V, 31A/240V, 29A 50/60 Hz, 1 phase
OCV: 72 V
WEIGHT: 38 LBS

OUTPUT: 15-95 /15-160 A
PROTECTION: IP21S
INSULATION GRADE: F
DIMENSIONS: 7"X12"X19"

DUTY CYCLE: 35% @ 95/ 160 A
ELECTRODE DIAMETER: 1/16" – 1/4"
CLASSIFICATION: PRO/HOBBY
*INCLUDES TORCH AND REGULATOR



SUITABLE FOR:

- ⇒ Portable Repair
- ⇒ Construction
- ⇒ Farm
- ⇒ Home/Hobbyists

Welding made easy. That's pretty much it. You are not going to find a simpler machine to weld with than our compact PowerARC 140ST or 160STH. These units are small and compact, but pack the power of DC transformer welders five times their physical size! They both come in a convenient carry case to make things even easier to handle. Additionally, both PowerARCs feature TIG capability. The PowerARC 140ST has a lift tig feature and comes with its own TIG torch with a built in gas valve in the handle to manually control the gas flow. The PowerARC 160STH features TIG as well, but has HF start and a gas valve built into the welder to automatically regulate gas flow. It comes with a TIG torch and gas regulator. These units excel with welding rods like E-7018, and work well with E-6011, for general purpose welding. If you want a capable welder for all around welding, the small PowerARCs offer everything you need.

SERIOUS CAPABILITY

ARC FORCE CONTROL :

The PowerARC 140ST and 160STH automatically adapts arc force changes with arc length, keeping the puddle under control and preventing the arc from extinguishing under short arc conditions.

FAST AND EASY STARTS:

As electrode contact is made with the work piece, a brief surge of current improves arc starting and heats the weld puddle quickly for reduced porosity. The PowerARC 140ST and 160STH both feature automatic, adaptive control of the start.

CONVENIENT CARRY CASE:

Adding to the compact design, a small carry case designed to prevent damage is provided which will house the welder and related accessories. Great for extended storage.

TIG PACKAGE:

The PowerARC 140ST comes with a TIG package. The PowerARC 140ST has a lift start feature that allows easy starting for DC TIG welding, and uses a manual gas control valve torch. Regulator is not included. The PowerARC 160STH also features a TIG package, with built in High Frequency start for touchless arc ignition. The unit also has a built in gas solenoid which automatically controls the gas flow when the arc starts or stops. The 160STH also can be outfitted with an optional foot pedal to control the full amp range. Not suitable for welding aluminum.

THERMAL/ CURRENT PROTECTION:

As always with all Everlast equipment, the welders feature thermal and current overload protection which disables weld output until the condition has been resolved, and a dual color LED indicates the fault condition.

SMAW



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IGBT INVERTER TECHNOLOGY



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