



Cyclone 253DPi

Single and Double Pulse MIG Welder

Specifications

Process:	GMAW-P/F-CAW/GTAW/SMAW	Input:	240V 1 and 3 Phase 50/60Hz 75V	Output Range:	MIG: 30-250A; 15.5-26.5V DC TIG: 10-250A; 10.5-20.0V Stick: 10-200A; 20.4-28V .035-.045" (.023-.030"; .030-.040" opt.)	I1Max (Inrush)	240V 1 Ph: 46A 240V 3 Ph: 36A	I1Eff (Rated)	240V 1Ph: 36A 240V 3 Ph: 18A
Duty Cycle:	60% @ Max. Output Each Process	OCV:	75V	Drive Roll Size:	.035-.045" (.023-.030"; .030-.040" opt.)	Wire Spool Size:	12" (30-44 lbs.)	MIG Gun Type:	24 Series 3m.
Digital Display:	Color LCD 5.0" HD TFT	Weight:	90 lbs.	Dimensions:	20" H X 12" W X 27.5" L	Max. Wire Speed:	600 IPM	PowerSet Mode:	Yes
DC TIG Start:	Live Lift Start, No Remote. TIG Rig style Gas Valve torch Optional	MIG Pulse Type:	Single/Double Synergic Pulse	TIG Pulse Type	No Pulse, Basic Lift TIG/TIG Rig operation with optional torch	E 6010/Cellulose:	Yes, with setting.	Stick VRD	No

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 5.0" HD display 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 without scrolling through endless menus and pages to set the welder up.

Cast Aluminum/Steel 4 Roller Wire Drive

Feed solid wire from .023 to .045" in diameter. For wires smaller than .045", optional drive rolls and guns/liners may be purchased for best spatter free operation.

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 Everlast In-line Premium Push-Pull systems for distance feeding of aluminum wire.

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 connection 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.

Operates on 240V 1 or 3 Phase Input

This unit operates on 240V 1 or 3 phase power. User supplied Plug. Use a NEMA 6-50P for single phase operation.

Single and Double Pulse Functions

The unit features a Synergic Single and Double Pulse Functions. The MIG unit also features PowerSet that further simplifies the Pulse setup requirements for beginners and professionals.

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.

Wire Jog and Gas Purge

These features just make setting up more convenient and prevent wire and gas wasting while feeding wire or adjusting gas flow.

Remote Function

The unit supports the use of a Push Pull or Spool Gun with Control of Amps/WFS on the gun. This is an improved function over previous model types.

Easy Change of Polarity

Need to quickly change over for Flux-Cored wire, or back to solid wire? Need to change over to TIG from Stick? No problem.



5 Year Parts and Labor Warranty

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

Uses: Fabrication, Auto-Body, Motor Sports, Marine and Portable Repair

Building Upon Greatness

Hard to beat a legend. But we did it.

Back in 2017 when Everlast introduced the Power i-MIG 253DPi, little did we know that we created a welding machine that would soon grow to be a legend. The unit sold well even at the beginning. It found a niche in the auto-body industry right away due to its capability to handle delicate body panels without burn through or warping. Admittedly, people took a while to figure out the machine had both single and double pulse, and many bought it for one or the other without realizing it could do both! It quickly began to prove itself to customer after customer and company after company as a reliable work horse and was more than a one-trick pony.

Within a few months that grew into years, people began to realize the capability it had and put it into building boats, trailers and even race cars. Over time, the industry began to demand more and more and new applications were invented for the 253DPi. It became clear that everyone had a special application for it that never was planned. A new product would be needed to continue to expand the horizons of the 253DPi Pulse MIG welder as the industry continued to evolve.

In 2025, Everlast introduced the Cyclone 253DPi, which replaced the well

honored Power i-MIG version. We took customer input and had a wish list put together for the new Cyclone 253DPi to include many new applications and capabilities that the previous model did not offer.

The Cyclone 253DPi now features a fully integrated 5.0" HD digital display which allows the user to see all settings at a single glance without having to navigate through multiple menu screens. The unit features settings for not only pulse, but for non pulse applications of steel, stainless, aluminum, dual-shielded and gasless flux cored wire. It can now name and save up to 30 programs, up from the previous 9 nameless programs. The programs can be locked to ensure protocols are followed. The unit features fully synergic single and double pulse, with improved operation with independent hot start and crater fill that now can be used in a special version of 2T torch mode. The unit now features speed control on the gun, whether it is a spool gun or push-pull gun that it is coupled with. The unit now offers a lift-start type TIG function for use with DC TIG Rigs in the field. Of course stick function has been added to and improved in this model, with E6010 capability. PowerSet has been introduced and incorporated into programming to make setup even easier and takes a lot of guess work out of the settings in all modes. Consider this a Synergic Plus operation, which takes Synergic operation a step further to make setup a breeze.

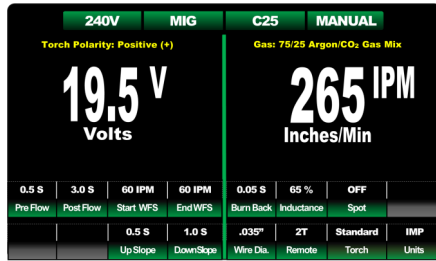
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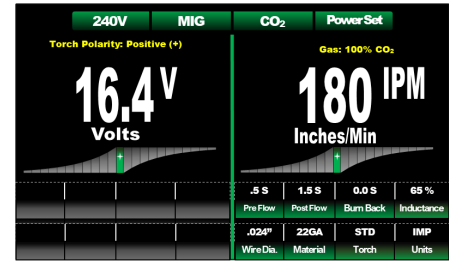
All specifications, accessories and options are subject to change without notice.

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.
12. Select the units of Measure for IPM or M/M or even Amps.

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.
7. Less adjustments are present in PowerSet because many functions are automatically managed or are preset through the factory programming.
8. Available in all Processes and Modes. Simply press the PowerSet Button.



Single and Double Pulse with PowerSet



30 Savable and Lockable Programs



8" (12 lbs) and 12" (44lbs) Spools
4 Roller Drive System

Standard Equipment and Options



Standard Equipment:

- 10 ft (3m) 25 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
- Starter Consumable Kit for MIG
- 8" Spool Adapter

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
- 15 ft. 24 Series Gun (For ≤.035" Wires order blue liner) #EV-MG24-5M
- 10 ft. Blue liner for .035 and under steel/stainless wires. #EV-GMO-500-BSL-10
- .023/.030" V Groove Drive Roll, #EV-DR-VG-0608-1
- .030/.040" V Groove Drive Roll, #EV-DR-VG-0810-1
- 17V TIG Gas Valve torch 12.5 or 25 ft.

Can this unit be operated on a generator?

The small size and portability of the Cyclone 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 12,000 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.

Everlast makes every effort to ensure accuracy of stated specifications and kit contents at time of publication. However, due to continual our efforts to improve our products and offerings, stated specifications, accessory kit content or product appearance may change without notice. Any change in specification, kit contents, appearance, length, etc. can be verified by calling toll-free @ 877-755-9353. In the event of these changes, Everlast will not be liable to provide product, kit contents, or accessories exactly as depicted or described in this publication. Please review warranty details @ <https://www.everlastgenerators.com/standard-warranty>. The 5 year parts and labor warranty covers only the power source and does not cover accessories or consumables. While this publication may be used in multiple distribution markets, the 5 year warranty only applies to US products only. Canada and other countries maintain different warranty periods and policies. Consult directly with your country's distributor about your warranty details. Accessories, including all NOVA products are covered under a separate warranty. Consumables and consumable kits are not warranted except against manufacturer defect. Since Everlast cannot know every situation and detail of customer's application, any statement of other warranty, expressed or implied, or statement concerning suitability of this product for a specific customer use or application is specifically disclaimed. The customer is responsible for ensuring safe and practical operation of the unit and is solely responsible for the proper use and application of this product and accessories.