

# Power i-MIG 275S

# GMAW/SMAW



Get ready for more everything.



The Power i-MIG 275S offers more of everything in the way of a 250-300 amp MIG class welder. Start by noticing the digital control. This isn't yesterday's transformer design MIG welder. This is a modern, digitally controlled inverter MIG welder. That means it has real features, real performance and real arc quality. The unit features not only MIG welding capability but also stick welding capability, which includes those stubborn E6010 that give so many inverter welders fits. This unit also features a synergic design which allows the operator to control both amps and volts through the amp knob by presetting a ratio of volts to amps. This feature is "auto-setting" but it does not lock the user into some rigid program that can't be overridden. In fact, at any time the synergic program may be overridden and even reprogrammed to remember the user's preference. Speaking of programming, you may save up to 9 separate programs with this unit, which allows you to instantly recall your favorite program for stick or MIG use. Of course, at any time, you can operate in full manual mode if you need to.

This unit's features don't stop at just synergic control and stick welding capability. No, rather you have other features like burn back control, spot and stitch timers, and inductance control. One more special feature is that the unit gives you an option to select pre-flow and post flow control of the shielding gas for maximum quality welds. With 275 amps of MIG welding power, there simply isn't another unit on the market that offers this much power at this price point.

## FEATURES THAT REDEFINE MIG WELDING.

### Features that lead by example

- Dependable, digitally controlled IGBT inverter design offers excellent low spatter arc characteristics.
- Euro-type connector makes gun attachment quick and easy. Gun is easy to remove for transport and storage.
- Digital microprocessor and componentized design improves reliability and serviceability.
- Heavy duty wire feeder with 4 driven rolls provides smooth, steady delivery of wire at the gun.
- Automatic Pre and Post flow improves weld quality during starts and stops, reducing porosity and oxidation.
- Digital meters offer accurate setting of volts and amps.
- Stick weld function tackles any class electrode from 1/16" to 5/32" with a nice smooth arc.
- Standard Spot and Stitch timers automatically cycle the gun on and off for spot welding and seam welding to control heat, improving the final results. These features are commonly used in fabrication shops or speed shops where high quality welds and seams are demanded.

### Features that perform for you

- Infinitely adjustable Voltage and Wire speed feed.
- Wire speed feed up to 600 inches per minute feeds wire from .023" to .045" with stock drive rolls.
- Adjustable arc force (inductance) for best puddle control.
- Burn-back timer reduces need for wire trimming before restarts and improves productivity.
- Capable of feeding 12" spools (8" with adapter)
- Spool gun ready.
- Synergic function functions in spool gun mode as well.

### Features that stand out from the rest

- Industry leading 50% duty cycle @ 275 amps offers a true, sustainable output at maximum amps for 5 minutes without stopping.
- Spool gun capable for reliable welding of Aluminum.
- Over current and Duty cycle protection safely interrupts welding when an event occurs.
- Heavy Duty 36 Series 4m (12ft) MIG gun offers superior comfort.

## POWER SPECIFICATIONS AND FEATURES

PROCESSES: GMAW/SMAW (MIG/Stick)  
 INPUT VOLTAGE: 240V 1 Phase, 50/60Hz  
 PROTECTION CLASS: IP21S  
 MIG OUTPUT : 30-275A 15.5-30V  
 STICK DUTY CYCLE 120/240V: 50%@200A

INPUT I1MAX : 49A  
 WEIGHT: 65 lbs., unit only  
 OCV: 70V  
 MIG DUTY CYCLE : 50%@275A  
 SPOOL CAPACITY: 12" (8" with adapter)

INPUT I1EFF : 35A  
 DIMENSIONS: 26" Lx18" Hx11.25" W  
 INVERTER TYPE: IGBT  
 STICK OUTPUT : 10-200A, 20.4-28V  
 SPOT/STITCH TIMER: .5-25 Seconds



1-877-755-9353

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[everlastwelders.com](http://everlastwelders.com)

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Actual appearance and quantity of accessories may vary.



### Take a closer look.

- The synergic mode simplifies setup and adjustment. This "auto-setting" feature provides a preset ratio of volts and amps based off of user inputs of wire type and wire diameter. This helps to take the guess work out of setting and adjusting the MIG and is more reliable than a setup chart. The mode can be overridden or turned off at any time.
- A heavy-duty geared, 4 drive roll wire feed mechanism is also designed for long service life and reliable delivery of wire to the end of the gun. Additional drive roller sizes can be obtained through Everlast. Flux core roller rolls can be used as well.
- Burn back control reduces the need for trimming the wire at every restart by keeping the wire energized briefly after the trigger is let go, allowing the wire to quickly burn back to the desired length. The automatic post flow keeps the wire shielded during this process.
- The Spot and Stitch timers offer the customer a solution to problematic tacking and heat control issues common in auto restoration and typical fabrication tasks.

### Performance and Equipment Specifications:

INPUT VOLTAGE	240V 50/60 HZ (± 10%)
WIRE SPEED FEED RATE	600 INCHES PER MINUTE
DRIVE ROLL SIZES	.023"-.045" (at time of pub.)
WIRE SPOOL SIZE	12" (8" with Adapter)
BURN BACK TIMER	0-1.5 SECONDS
ARC FORCE CONTROL	0-100% (STICK AND MIG)
GUN TYPE AND CABLE	36 SERIES, 4m (12 ft) LONG
SPOT/STITCH TIMERS	.5-25 SECONDS

### Safety/ Unit Protection Features:

OVER TEMPERATURE WARNING	YES
OVER CURRENT WARNING	YES
SWITCH TYPE	BREAKER
FAN COOLING TYPE	DUAL FAN, CONTINUOUS

All specifications subject to change without notice.



All Everlast Power i-MIG welders are covered by a 5 year parts/labor warranty.



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### RECOMMENDED OPTIONS



SKU: Consult Everlast site for available gun models  
Description: Pool Gun



SKU: Consult Everlast site for different sizes/types  
Description: V-Groove/Flux-core .023"-.045"



SKU: Consult Everlast site for available models/lengths for different applications  
Description: MIG Guns



SKU: PC300-M  
Description: Power Cart with full size cylinder capacity