



Comparison Guide*

POWERTIG 250EX / 315LX TIG

Meet the welder line that helped started it all for Everlast with the “Power Series” which became the flag ship of the line in 2009. These units quickly proved their worth and value to customers all over the world and are well respected in their field for both their commercial and hobby appeal. After several generations of internal improvements, both the PowerTIG 250EX and 315LX still rest on the basic concept that made them so popular: Fully featured welders geared toward simple, logical operation. Even though these units went from analog design to a more reliable digitally-controlled, modular design, its very clear that these units haven’t strayed very far from the original models designed over 14 years ago.

Many companies have sought to flatter us by imitating and even out right copying our concept. But we feel no one has gotten it quite right. Take a look at

some similar models in range and function to the Everlast PowerTIG 250EX and 315LX below. Study them carefully and we think you’ll see why the Everlast PowerTIG units remain leaders in the industry with simple to use, fully featured units that don’t back down from hard work. These units also blazed a trail back in 2009 when they were introduced with their 5 year parts and labor warranty. Today’s units still have that same warranty and is now bolstered by an additional 3 year warranty on shipping back and forth should an issue occur.

When it comes down to it, you won’t find a better performing, better equipped series of basic AC/DC TIG welders on the market. These units are not afraid of hard use or work. They are built to go into any commercial facility and stand on their own. The fact they are still popular even with more advanced units in our lineup speaks volumes for their design and concept.

SPECIFICATIONS	 POWERTIG 250EX \$1699.00	 POWERTIG 315LX 1999.00	 PRECISION TIG 225 (Ready Pak) \$4999.00	 CK MT 375-AC/DC (Cooler Std.) Price Not Available 11-13	 SYNCROWAVE 300 (Bare Unit) \$6450.00	 ET 3011 AC/DC (Bare Unit) \$5138.00
	WARRANTY	5 Years Parts/Labor 3 Years Shipping	5 Years Parts/Labor 3 Years Shipping	3 Years Parts/Labor	3 Years Parts/Labor	3 Years Parts/Labor
DESIGN TYPE	AC/DC IGBT Digital Inverter	AC/DC IGBT Digital Inverter	AC/DC Analog Transformer	AC/DC IGBT Analog Inverter	AC/DC IGBT Digital Inverter	AC/DC IGBT Digital Inverter
INPUT VOLTAGE (NOMINAL)	220/240V 1 ph and 3 ph	220/240V 1 ph	208/230V 1 ph	230V/460V 1 Phase	208-480V 1 and 3 ph	208-480V
TIG OUTPUT	DC 5-250A/AC 5-250A	DC 5-315A/AC 20-315A	DC 5-230A/AC 5-230A	240V: DC 5-275A/AC 5-260A 460V: DC 5-375A/AC5-360A	AC/DC 5-300A	1 ph: AC/DC 5-200A 3 ph: AC/DC 5-300A
STICK OUTPUT	DC 5-200A	DC 20-250A	AC/DC 5-230A	230V: 10-200A 460V: 10-300A	DC 5-230A	1 ph: DC 10-150A 3 ph: DC 10-200A
TIG DUTY CYCLE @ RATED AMPS AC/DC	60% @ 250A	60% @ 315A	10% @ 225A	230V: 35% @ 260/275A 460V: 35% @ 360/375A	30% @ 300A	1 ph: 60% @ 200A 3ph: 30% @ 300A
STICK DUTY CYCLE @ RATED AMPS	35% @ 200A	35% @ 250A	10% @ 225A	240V: 40% @ 200A 460V: 40% @ 300A	30% @ 230A	1ph: 100% @ 150A 3ph: 60% @ 200A
2T/4T REMOTE SWITCH CONTROL	Yes	Yes	2T Only	2T Only	Yes	Yes
OCV	80V	80V	DC: 66V / AC: 75V	84V	60V	113V
INRUSH (I1MAX) AMPS	1 ph: 40A / 3 ph 21A	220V: 58A / 240V: 53A	208: 94A / 230: 85A	240V: 44A / 460V: 23A	Not Published	Not Published
RATED (I1EFF) AMPS	240V 1 ph: 32A 240V 3 ph: 16A	220V: 35A 240V: 31A	208V 1 ph: 42A 230V 1 ph: 39A	240V 1ph: 38.1A	208V 1 ph 47A 208V 3 ph 27A 240V 1 ph 41A 240V 3 ph 23A 480V 1 ph 19A 480V 3 ph 11A	208V 1 ph 37.8A 208V 3 ph 23.8A 230V 1 ph 33.7A 230V 3 ph 21.6A 480V 1 ph 18.1A 460V 3 ph 11.6A
HF START /LIFT START	HF and Lift	HF and Lift	HF and Lift	HF Only	HF and Lift	HF and Lift
AC FREQUENCY	20-250 Hz	20-500 Hz	60 Hz	20-200Hz	Fixed, Hz not published	30-200Hz
AC BALANCE	10-90% of EP(+)	20-80% of EP(+)	Eq. of 20-60% of EP (+)	15-50% of EP (+)	60-80% of EN (-)	10-90% of EP (+)
PRE FLOW	0-10 Seconds	0-30 Seconds	Fixed .5 Seconds	Fixed .5 Seconds	0-25 Seconds	.1-10 Seconds
POST FLOW	0-25 Seconds	0-30 Seconds	1-30 Seconds	.5-20 Seconds	8-50 Seconds	20-500% of 5 Seconds
START AMPS	5-250A	5(20)-315A	Fixed at Minimum	Fixed at Minimum	None	5-200% of Welding A
END AMPS	5-250A	5(20)-315A	Fixed at Minimum	Fixed at Minimum	None	5-200% of Welding A
UPSLOPE	0-10 Seconds	0-10 Seconds	None	None	None	0-99% of 5 Seconds
DOWN SLOPE	0-25 Seconds	0-30 Seconds	None	None	None	0-99% of 3 Seconds
PULSE	Yes	Yes	Yes	Yes	Yes	Yes
PULSE FREQUENCY	.5-500 Hz	.5-750 Hz	.1-50 Hz	1-200 Hz	.1-150 Hz	.2-2000Hz DC
PULSE TIME ON (BALANCE)	10-90%	10-90%	Fixed at 50%	Fixed at 50%	Fixed @ 40%	1-99%
PULSE AMPS	5-95% of Welding Amps	5-95% of Welding Amps	Fixed at 50%	10-100%	Fixed @ 25%	1 to 200% of Welding A
STICK ARC FORCE CONTROL (DIG)	Yes	Yes	No	No	Yes	Yes
STICK HOT START CONTROL	No	No	No	No	Yes	Yes
STICK E 6010 CAPABLE	No, Use E6011	Yes	Yes	No	Yes	Not Published0
SPOT WELD TIMER	Yes	No	No	No	No	Yes
FOOT PEDAL INCLUDED	Yes	Yes	Yes in this package	Yes	Yes in Optional Package	Yes in Optional Package
MEMORY/PROGRAM SAVE	No	No	No	No	No	No
TIG TORCH INCLUDED	350A , Water-Cooled 18 Series 12.5 ft.	350A , Water-Cooled 18 Series 12.5 ft.	150A, Air-Cooled 17 Series 12 ft.	350A,Water-Cooled TL18 Flex Series 12.5 ft.	No, bare unit only. TIG package optional.	No, bare unit only. TIG package optional
POWER RECEPTACLE FOR COOLER	Yes (240V Output)	Yes (240V Output)	Yes (120V Output)	Yes	Yes (120V)	Yes (120V)
STACKABLE COOLER AVAILABLE	Yes (240V)	Yes (240V)	Yes (120V)	Standard Package	Yes (TIG Runner)	Yes
SIZE (NOMINAL)	26"Lx9.75"Wx18"H	26"Lx9.75"Wx18"H	25.6"Lx14.5"Wx20.7"H	42"Lx20"Wx45"H	24.6"Lx15"Wx29.4"H	19"Lx7.25"Wx13"H
WEIGHT	65 Lbs.	69 Lbs.	215 Lbs	171 Lbs.	101Lbs.	35.9 Lbs.

*This publication is based on available information on Dec 15, 2022. It relies on other manufacturer data which is subject to change and may vary in accuracy. Prices are also subject to change .