

If power is what you need, Everlast delivers. The PowerTIG 400EXT and the Typhoon 500 are two welders with more than The Typhoon 500 is the strongest member in it's class, with up to 500A @ 60% duty cycle on three phase 480V input enough power to handle the most demanding chores in industrial welding shops. These units have the build quality and powerand 400A @ 60% duty cycle on 1 phase 240V input power. With new features such as the PowerSet Mode, a Fast strength to hammer it out day in and day out for years to come. Both are protected by Everlast's Industry leading 5 year warranty.

The 400EXT is a top performer, when compared to many members in its class. You'll find plenty of duty cycle and reasonable feature list that gives most shops every important tool they will need to tackle any job. As you can see below the er, so there are no add-ons needed to get started welding. Take that in consideration against "Unit" only prices. PowerTIG 400EXT stacks up very well on price and features when compared to the other welders. The EXT units made

-tack feature, tungsten size selection, independent amplitude, AC wave form control (5 different ones), AC split wave form control, fan and cooler control technology, HD LCD screen, DC Pulse wave shaping and the adjustable HV starting, the Typhoon can go head-to -head with both features and power against even the most expensive models on the market. Of course, one more important feature is that the Typhoon 500 is offered as a complete package with both cart and cool-

their mark by providing wave form control in AC, excellent ranges of adjustment, program saving ability and general ease Check the information below for a side by side comparison of these units to their competitors. We think you'll see the of setup. When you add to that the incredible penetrating ability of the Advanced AC pulse and the wide range of control difference, not only in features but also in the price and the warranty.

over both forms of pulse, it stands out against all competitors with both value and performance driven features.



SPECIFICATIONS

	3 Years Parts/LaborAC/DC IGBT Digital Inverter208-575V 3 PhaseAC/DC 3-400AAC/DC 3-400A40% @ 400A40% @ 400A40% @ 400AYes96V (<10 VRD)240V 3 Phase: 41.7A 460V 3 Phase: 21.7A 575V 3 Phase: 20.8A
Debts in PPE Digital Inverter	Digital Inverter 208-575V 3 Phase AC/DC 3-400A AC/DC 3-400A 40% @ 400A 40% @ 400A Yes 96V (<10 VRD)
INPUT VOLTAGE (NOMINAL) (460/480V 3 Phase opt.) 240V 1 Phase 2404 00 13P mase 2005 75V 13 Phase 2005 75V 3 Phase 2005 75V 3 Phase 2005 75V 3 Phase 2005 75V 13 Phase	AC/DC 3-400A AC/DC 3-400A 40% @ 400A 40% @ 400A 40% @ 400A Yes 96V (<10 VRD) 240V 3 Phase: 41.7A 460V 3 Phase: 21.7A
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STICK OUTPUT 24/01 / Phase 20-315A DC 24/01 / Phase 48/01 / Phase 20-400A ACDC 3-400A ACDC 24/01 / Phase 4.300A 20-250A TIG DUTY CYCLE @ RATED AMPS 35% @ 400A 20-315A DC 30% @ 400A 30% @ 400A 30% @ 200A 3-400A ACDC 4.300A 20-575V 3 Phase: 20-300A 20-575V 3 Phase: 20-300A 20-575V 3 Phase: 20-300A 20-575V 3 Phase: 20-300A 20-575V 3 Phase: 20-30V 0 20-575V 3 Phase: 30% @ 200A 200-575V 3 Phase: 30% @ 200A 20-575V 3 Phase: 30% @ 200A 20-575V 3 Phase: 30% @ 200A 20-575V 3 Phase: 30% @ 250A 1 Phase: 30% @ 250A 1 Phase: 30% @ 250A 1 Phase: 30% @ 250A 1 Phase: 60% @ 200A 30% @ 400A 30% @ 300A 3Phase: 30% @ 250A 1 Phase: 30% @ 250A 1 Phase: 30% @ 250A 1 Phase: 30% @ 250A 3 Phase 30% @ 250A 1 Phase: 30% @ 20A 30% @ 20A 3Phase: 30% @ 250A 1 Phase: 30% @ 250A 1 Phase:	40% @ 400A 40% @ 400A 40% @ 400A Yes 96V (<10 VRD) 240V 3 Phase: 41.7A 460V 3 Phase: 21.7A
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30A480V 3 Phase: 19A240V 3 Phase: 20A240V 3 Phase: 36A240/480/575V 3 Phase: 22.9/11.6/11.0A460V 3 Phase: 13AOptional 480V 3 Phase: 14A19A19A480V 3 Phase: 10A480V 3 Phase: 24A 575V 3 Phase: 19A22.9/11.6/11.0A575V 3 Phase: 10ACOLOR LCD DISPLAY AND TYPENo5.1" 720HDNoNoYesNoHF START /LIFT STARTHV/Lift w/RemoteHV/Lift w/Remote/Live LiftHF/Live Lift/Lift w/RemoteHF/Live Lift/Lift w/RemoteHF/Live Lift/Lift w/Remote	240V 3 Phase: 30.7A 460V 3 Phase: 16.1A
Image: 14A Image: 14A Image: 575V 3 Phase: 19A Image: 14A COLOR LCD DISPLAY AND TYPE No S.1" 720HD No No Yes No HF START /LIFT START HV/Lift w/Remote HV/Lift w/Remote/Live Lift HF/Live Lift/Lift w/Remote HF/Live Lift/Lift w/Remote HF/Lift w/Remote	575V 3 Phase: 15.7A
COLOR LCD DISPLAY AND TYPE No No Yes No HF START /LIFT START HV/Lift w/Remote HV/Lift w/Remote/Live Lift HF/Live Lift/Lift w/Remote HF/Live Lift/Lift w/Remote HF/Lift w/Remote HF/Live Lift/Lift w/Remote	
	Yes/Touch
	e HF/Live Lift/Lift w/Remote
HF START TYPE Solid State HV Adjustable Solid State HV Solid State HV Solid State Solid State Solid State Adjustable Solid State	Yes
SELECTABLE START POLARITY No Yes No Yes	Yes
Adv. Square/Soft Square/ Adv. Square/Soft Square/ Square/Soft Square/ Square/Soft Square/ Square/Soft Square/ Square/Soft Square/	Square/Soft Square/
AC WAVE FORM	Triangle/ Sine (4)
	Yes
Adv Square/Soft Square/	
AC INDEPENDENT HALF-WAVE SHAPE CONTROL No No Yes Yes No	Yes
AC EREQUENCY 20-250Hz 20-400Hz 20-400Hz 20-400Hz 20-400Hz up to 100A 40-400Hz	40-250Hz
AC BALANCE 5-90% of EP (+) 5-70% of EP (+) 60-80% of EN (-) 50-99% of EN (-) 10-90% of EN (-) 35-99% of EN (-) PRE_ELOW 0.25 Seconds 0.30 Seconds 0.25 Seconds 1.5 Seconds 0.25 Seco	-70-+70% from factory se
PRE FLOW 0-25 Seconds 0-30 Seconds 0-25 Seconds 0-25 Seconds .1-5 Seconds 0-25 Seconds PRE FLOW 0.50 Seconds 0.60 Seconds 0.450 Seconds 0.50 Seconds 1.90 9 Seconds 0.445/1.60 Seconds	0– 9.9 Seconds
POST FLOW 0-50 Seconds 0-60 Seconds 0 to 50 Seconds 0-50 Seconds .1-99.9 Seconds Auto/.1-60 Seconds MINIMUM START AMPS DC 54 /4C 104 DC 54 /4C 104 DC 54 /4C 104 DC 24 /4C 24	0-60 Seconds
MINIMUM START AMPS DC 5A / AC 10A DC 5A / AC 10A AC/DC 5A DC 3A / AC 5A AC/DC 4A DC 2A / AC 2A	3A
MINIMUM END AMPS DC 5A/ AC 10A DC 5A/ AC 10A AC/DC 5A DC 3A/ AC 5A AC/DC 4A DC 2A/ AC 2A	3A
UPSLOPE 0-25 Seconds 0-30 Seconds None 0-25 Seconds 0-10 Seconds 0-5 Seconds	0-30 Seconds
DOWN SLOPE 0-25 Seconds 0-60 Seconds None 0-50 Seconds 0-10 Seconds 0-25 Seconds	0-30 Seconds
AUTO RANGING PULSE No No No No No	Yes
PULSED START CAPABILITY No No No No	Yes
DC PULSE WAVE FORM SHAPING No Yes No No No No	Yes
AC ADVANCED PULSE (MIIXED AC /DC) Yes Yes No No No No	No
DC PULSE FREQUENCY .1-500 Hz .1-999.9 Hz .1-150 Hz .1-5000 Hz .4-999.9 Hz .1-2000 Hz	.2-2000 Hz
AC PULSE FREQUENCY Adv. Sq. 1-250Hz .1-400 Hz None .1-500 Hz .4-20 Hz .1-25% of AC Frequency	.2-2000 Hz
AC ADVANCED PULSE FREQUENCY .1-10 Hz .1-10 Hz None None None None None None	None
PULSE TIME ON (BALANCE) 5-100% 5-100% Fixed @ 40% 5-95% 10-90% 5-95%	10-90%
PULSE AMPS 5-100% of Welding Amps 3-100% of Welding Amps Fixed @ 25% 5-95% 10-90% 10-90%	0-100%
SPOT WELD TIMER Yes Yes Yes Yes	Yes
DC FAST TACKING (COLD WELD FEATURE) No Yes No Yes	No
TUNGSTEN SIZE SELECTION No Yes Yes No Yes	Yes
SYNERGIC PROGRAMMING Yes, Basic Yes, Advanced Limited Pre-sets Yes No No	Yes
STICK OPERATION AC/DC DC Only AC and DC DC Only AC and DC AC and DC DC Only AC and DC DC Only	AC and DC
STICK E6010 CAPABLE (CELLULOSE) Short Arc Only Yes Yes Yes Yes	Yes
STICK ARC FORCE CONTROL (DIG) Yes Yes Yes Yes Yes	Yes
STICK HOT START INTENSITY Yes, Adjustable Yes, Adjustable No Low/High Yes Yes	Yes
STUCK ROD FUNCTION/ ANTI-STICK No Yes No Yes No	Yes
STICK HOT START TIMEYesYesNoNoNo	Yes
ADJUSTABLE AC STICK (FREQUENCY/BALANCE, ETC.) NA Frequency, Balance NA Frequency Only Frequency/Balance NA	Yes
STICK PULSE No No No Yes No	No
STICK REMOTE CONTROL CAPABILITY No Yes No	Yes
MEMORY Yes Yes No Yes Yes Yes	Yes
WPS LOCKOUT No Yes No No	Yes
FAN CONTROL Yes Yes Yes Yes	Yes
COOLER CONTROL No Yes Yes Yes Yes	Yes
COOLER INCLUDED Optional Yes Optional Yes Optional Yes Optional	Optional
Lindateable but Not Cus	· · · · · · · · · · · · · · · · · · ·
USER UPDATEABLE INTERFACE Not customer serviceable to reserviceable but Not Customer Serviceable Yes Yes No Yes	
FOOT PEDAL INCLUDED Yes Yes No Yes No	Yes
	No
WATER COOLER POWER RECEPTACLE INCORPORATED Yes Yes Yes Yes Yes	
WATER COOLER POWER RECEPTACLE INCORPORATED Yes Yes Yes Yes Yes	No
WATER COOLER POWER RECEPTACLE INCORPORATED Yes Yes Yes Yes Yes WIRELESS PEDAL OUTLET No No No No No No No	No Yes
WATER COOLER POWER RECEPTACLE INCORPORATED Yes Yes Yes Yes Yes Yes WIRELESS PEDAL OUTLET No No <td>No Yes No</td>	No Yes No
WATER COOLER POWER RECEPTACLE INCORPORATEDYesYesYesYesYesWIRELESS PEDAL OUTLETNoNoNoNoNoNoTIG TORCH INCLUDED350A, Water-Cooled 18 Series 12.5 ft. 250A, Air-Cooled400A, Water-Cooled CK 18HD Series 12.5 ft. 400A Water-CooledNoNoCK 18 Series Trimline 12.5 ft. 350A Water-Cooled 12.5 ft. 400A Water-Cooled Water-CooledNoNoNo	No Yes
WATER COOLER POWER RECEPTACLE INCORPORATEDYesYesYesYesYesYesWIRELESS PEDAL OUTLETNoNoNoNoNoNoNoTIG TORCH INCLUDED350A, Water-Cooled 18 Series 12.5 ft. 26 Series 12.5 ft.400A, Water-Cooled CK 18HD Series 12.5 ft. 	No Yes No No
WATER COOLER POWER RECEPTACLE INCORPORATEDYesYesYesYesYesWIRELESS PEDAL OUTLETNoNoNoNoNoNoTIG TORCH INCLUDED350A, Water-Cooled 18 Series 12.5 ft. 250A, Air-Cooled400A, Water-Cooled CK 18HD Series 12.5 ft. 400A Water-Cooled 400A Water-Cooled 400A Water-Cooled 400A Water-Cooled CK 18HD Series 12.5 ft. 400A Water-Cooled 	No Yes No

*This publication is based on available information on March 31, 2024. It relies on other manufacturer data which is subject to change and may vary in accuracy. Prices are also subject to change.