

PowerPlasma 60S



PROCESS: PAC with Blow-back start/Pilot Arc
INPUT: 220-240V 1 Phase, 50/60Hz, 50A
OUTPUT: 20-60A; 88-104V
INVERTER TYPE: Infineon IGBT module construction

OCV: 230V
RATED CUT: 1"
MAXIMUM CUT: 1 1/8"
DUTY CYCLE: 60% @ 60A, 100% @ 46.5 A

DIMENSIONS: 9"Wx21"Lx17"H
WEIGHT: 55 lbs., unit only
PROTECTION CLASS: IP21S
INSULATION GRADE: F

Proven, affordable performance is here.



PAC

20-60 Amp Cutting Range

Never worry again about having the right tool to do the job. Stepless adjustment allows you to select precisely the right amps needed for the job. Cuts can be made in thin gauge materials with accuracy. Plate metal poses no problem either with up to 1 1/8" severance ability and 7/8" rated capacity for quality cuts.

Pilot Arc

The pilot arc gives you the ability to maintain cutting over rough or irregular surfaces like expanded metal and grating. With Everlast's Pilot Arc system, the pilot arc will maintain an arc when continuity is lost or when starting an arc off the metal. The system automatically senses the loss of continuity and transfers the arc back to the torch to complete the circuit. The new 3 second Tip saver, reduces accidental on time, and excessive pilot arc use to maximize consumable life.

Infineon IGBT Power Modules

Inverters have revolutionized the industry by reducing size and weight while improving operating efficiency. The use of Infineon IGBT Power modules provide rugged service over the lifespan of the unit. The use of IGBT modules simplify component circuitry and reduce weight while providing excellent arc performance.

Blow-back Start

The Blow-back arc start feature eliminates the High Frequency which can create problems around electronics and is difficult to maintain under frequent use conditions. This also makes the unit friendly for use with CNC systems.

CNC Ready

The CNC port is already installed in the back of the unit and only requires the purchase of the optional Trafimet® S-75P Autocut torch to complete the CNC package.

High Duty Cycle

With a duty cycle of 60% at full output, the PowerPlasma 60S cutter is an industrial capable unit, and features 100% duty cycle at just over 46 amps. The unit is equipped with a self protection feature which shuts down the unit automatically if thermal conditions surpass the threshold.

Oxy-fuel cutting will always have its place. But for people seeking a faster and more economical way to cut metal, Everlast offers a full line of plasma cutters at a price that makes it worth giving up the old gas axe. The PowerPlasma 60S cutter gives you the opportunity to say good-bye to cylinder leases, expensive refills, and wheeling heavy equipment around. Plus, it offers you the ability to get a quality cut on any metal, including aluminum and stainless, something that standard oxy-fuel rigs can't offer.

Everlast's Plasma cutting systems features a pilot arc to continue to power the arc when continuity is lost while cutting expanded metal and grating. The improved blow back design keeps pace with the competition and reduces maintenance issues associated with older High Frequency starting styles. The Infineon IGBT modules used in the PowerPlasma 60S are designed to give years of rugged service and top-notch performance.

RATED CUTTING CAPACITY*

1"



28 gauge



*Image not to scale. Rated for quality maximum cut.



1-877-755-9353

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everlastwelders.com

PowerPlasma 60S



Trafimet S-75 Torch
15 ft.



300 Amp Work Clamp
Cable Assembly



Regulator/Filter for
Compressed Air



S-75 Consumable
Starter Kit

Universal Connector



Efficient and safe, the Central adapter offers quick torch connection and interchange.

Actual appearance of accessories may vary.



Plasma Specifications:

OCV	230V
Amps	20-60 A
Volts	88-104 V
Post Flow	0-25 Seconds
Air Compressor Requirement	>6 CFM @ 90 psi 30 gallon tank
Inlet Air Pressure	< 85 psi
Cutting Pressure	72 psi
Maximum Rated Cut	1"
Maximum Severance Cut	1 1/4"
Maximum Pierce	1/2"
Minimum Cut	28 gauge
Daily Cut	≤3/4"
Torch type	Blow-back/Pilot Arc

Authorized Dealer:



Up Close:

Digital meter allows the user to precisely adjust the cutter to any amp setting required.

Stepless adjustment offers precise control of amps without factory-fixed presets that impede selecting the best settings for the job.

Thermal overload protection warns when the duty cycle has been exceeded and interrupts cutting until the plasma cutter has safely cooled.

3 Second Tip Saver feature prevents premature consumable wear by limiting pilot arc on time to 3 seconds before it is automatically terminated.

Front mounted air pressure gauge allows the operator to verify proper air pressure at a glance, without having to check the rear of the machine.

Adjustable Post Flow is a feature unique to Everlast. This helps improve consumable and torch life. It also allows improved operation with CNC systems. The air flow test allows constant air flow and is used for setting the air pressure without igniting the torch.

Low air pressure warning interrupts cutting when air pressure drops below safe operating limits. Light stays on while the air pressure is in the safe operating range.

Torch trigger lock allows the arc to be locked on while cutting so no trigger holding is required. This improves functionality while working with track torch systems which require a remote switch.

CNC control socket includes pins for turn on, ok to move, raw arc voltage, divided arc voltage (1/16 or 1/50) and ground. See manual for complete CNC pin out details.



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