

# TIG

 JASIC®



# EVO POWER TIG 200

ORDER CODE **EPT-200**



The EVO POWER TIG 200 offers professional-grade performance and build quality at an affordable price.

Featuring advanced inverter technology with full TIG and MMA parameter control and a clear digital display, it delivers precision and reliability in a compact, user-friendly design. Easy to operate and highly versatile, the EVO POWER TIG series is perfectly suited for site maintenance, workshop use, and hobbyist projects alike.

NEW



## KEY FEATURES

- Rugged, ergonomic design
- **Dash-Arc**
- **Smart Lift TIG**
- Full features DC TIG parameters
- High-Frequency Arc ignition
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimised shielding gas consumption
- Fan on demand
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection
- **Complete with protective case and MMA leads**

## TECHNICAL DATA

Input voltage	AC 230V, 50/60 Hz	
No load voltage	62V	
MMA	leff	12.1A
	Rated input power	6.2kVA
	Current range	5-200A
	Rated duty cycle @ 40°C	20%
TIG	leff	12.9
	Rated input power	6.7kVA
	Current range	10-160A
	Rated duty cycle @ 40°C	20%
Efficiency	86%	
Power factor	0.68	
Idle state power	25W	
Protection class	IP23S	
Insulation class	H	
Dimensions LxWxH	413 x 150 x 311mm	
Weight	7.5Kg	
Recommended generator size*	9kVA	

### STANDARD ACCESSORIES

Protective Case, TIG Welding Torch (JE79-ERGO), Lead Set, Gas Hose and Argon Regulator

### OPTIONAL ACCESSORIES

\* Generator must have AVR



The EVO TIG 200 is a high-performance digital inverter DC TIG welder featuring advanced PFC technology with excellent welding performance.

Its ClearVision display provides excellent visibility in any lighting environment, while the digital encoder allows precise, effortless parameter adjustment. With optional wired and wireless remote controls, operators gain seamless, real-time control during welding.

Built with a unique electrical architecture and an Active Balancing Air Passage, the EVO TIG 200 delivers an extended duty cycle and outstanding reliability, even in the harshest conditions, reinforced by its IP23 protection rating. Designed for professionals, it is the ideal solution for demanding site work and workshop applications on carbon and stainless steels.



## KEY FEATURES

- Rugged, ergonomic design
- ClearVision technology
- Adaptable wide voltage range
- **Dash-Arc**
- **Smart Lift TIG**
- Full featured DC TIG parameters
- High-Frequency Arc ignition
- Flexible remote control solutions (optional)
- Power factor correction (PFC), generator friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimised shielding gas consumption
- Fan on demand
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection
- **Complete with protective case**

## TECHNICAL DATA

	AC 95-265V, 50/60 Hz		
	AC 115V	AC 230V	
Input voltage	AC 95-265V, 50/60 Hz		
No load voltage	68V		
TIG	leff	14.9A	9.8A
	Rated input power	3.4kVA	4.5kVA
	Current range	5-160A	5-200A
	Rated duty cycle @ 40°C	25%	
MMA	leff	15.8A	12.8A
	Rated input power	3.7kVA	5.9kVA
	Current range	10-120A	10-180A
	Rated duty cycle @ 40°C	25%	
Efficiency	84%		
Power factor	0.99		
Idle state power	MMA: 33W TIG: 7W		
Protection class	IP23S		
Insulation class	H		
Dimensions LxWxH	453 x 150 x 313mm		
Weight	8.97Kg		
Recommended generator size	5kVA	7kVA	

### STANDARD ACCESSORIES

Protective Case, TIG Welding Torch (JE79-ERGO), Lead Set, Gas Hose and Argon Regulator

### OPTIONAL ACCESSORIES

Wireless Remote Control (HRC-02), Wired Remote Control (HRC-01), Wireless Foot Pedal (FRC-02), Wired Foot Pedal (FRC-01), Wireless Transceiver (TS4)

\* Generator must have AVR

# EVO TIG 200 Pulse DC

ORDER CODE **ET-200P**



The EVO TIG 200 Pulse is a high-performance digital inverter DC Pulse TIG welder featuring advanced PFC technology with excellent welding performance.

Its ClearVision display provides excellent visibility in any lighting environment, while the digital encoder allows precise, effortless parameter adjustment. With optional wired and wireless remote controls, operators gain seamless, real-time control during welding.

Built with a unique electrical architecture and an Active Balancing Air Passage, the EVO TIG 200 delivers an extended duty cycle and outstanding reliability, even in the harshest conditions, reinforced by its IP23 protection rating. Featuring Pulse technology to reduce heat input and offer more control when welding thinner materials, the ET-200P is designed for professionals and is the ideal solution for demanding site work and workshop applications on carbon and stainless steels.



## KEY FEATURES

- Rugged, ergonomic design
- ClearVision technology
- Adaptable wide voltage range
- **Dash-Arc**
- **Smart Lift TIG**
- Full featured DC TIG parameters
- High-Frequency Arc ignition
- Flexible remote control solutions (optional)
- Power factor correction (PFC), generator friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimised shielding gas consumption
- Fan on demand
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection
- **Complete with protective case**

## TECHNICAL DATA

	AC 95-265V, 50/60 Hz		
	AC 115V	AC 230V	
No load voltage	68V		
TIG	I <sub>eff</sub>	14.9A	9.8A
	Rated input power	3.4kVA	4.5kVA
	Current range	5-160A	5-200A
Rated duty cycle @ 40°C		25%	
MMA	I <sub>eff</sub>	15.8A	12.8A
	Rated input power	3.7kVA	5.9kVA
	Current range	10-120A	10-180A
Rated duty cycle @ 40°C		25%	
Efficiency	84%		
Power factor	0.99		
Idle state power	MMA: 33W TIG: 7W		
Protection class	IP23S		
Insulation class	H		
Dimensions LxWxH	453 x 150 x 313mm		
Weight	8.97Kg		
Recommended generator size	5kVA	7kVA	

### STANDARD ACCESSORIES

Protective Case, TIG Welding Torch (JE79-ERGO), Lead Set, Gas Hose and Argon Regulator

### OPTIONAL ACCESSORIES

Wireless Remote Control (HRC-02), Wired Remote Control (HRC-01), Wireless Foot Pedal (FRC-02), Wired Foot Pedal (FRC-01), Wireless Transceiver (TS4)

\* Generator must have AVR



The EVO TIG 200 Pulse Water Cooled is a high-performance digital inverter DC Pulse TIG welder featuring advanced PFC technology with excellent welding performance.

Its ClearVision display provides excellent visibility in any lighting environment, while the digital encoder allows precise, effortless parameter adjustment. With optional wired and wireless remote controls, operators gain seamless, real-time control during welding.

Built with a unique electrical architecture and an Active Balancing Air Passage, the EVO TIG 200 delivers an extended duty cycle and outstanding reliability, even in the harshest conditions, reinforced by its IP23 protection rating. Featuring Pulse technology to reduce heat input and offer more control when welding thinner materials, the ET-200P is designed for professionals and is the ideal solution for demanding site work and workshop applications on carbon and stainless steels. Complete with LC-30 cooler for liquid torch cooling.



## KEY FEATURES

- Rugged, ergonomic design
- ClearVision technology
- Adaptable wide voltage range
- **Dash-Arc**
- **Smart Lift TIG**
- Full featured DC TIG parameters
- High-Frequency Arc ignition
- Flexible remote control solutions (optional)
- Power factor correction (PFC), generator friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimised shielding gas consumption
- Fan on demand
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection

## TECHNICAL DATA

	AC 95-265V, 50/60 Hz		
	AC 115V	AC 230V	
No load voltage	68V		
TIG	leff	14.9A	9.8A
	Rated input power	3.4kVA	4.5kVA
	Current range	5-160A	5-200A
	Rated duty cycle @ 40°C	25%	
MMA	leff	15.8A	12.8A
	Rated input power	3.7kVA	5.9kVA
	Current range	10-120A	10-180A
	Rated duty cycle @ 40°C	25%	
Efficiency	84%		
Power factor	0.99		
Idle state power	MMA: 33W TIG: 7W		
Protection class	IP23S		
Insulation class	H		
Dimensions LxWxH	527 x 1182 x 565mm		
Weight	17.4Kg		
Recommended generator size	5kVA	7kVA	

### STANDARD ACCESSORIES

TIG Welding Torch (JE83-ERGO), Lead Set, Gas Hose and Argon Regulator, Water Cooler (LC-30)

### OPTIONAL ACCESSORIES

Wireless Remote Control (HRC-02), Wired Remote Control (HRC-01), Wireless Foot Pedal (FRC-02), Wired Foot Pedal (FRC-01), Wireless Transceiver (TS4)

\* Generator must have AVR

# EVO TIG 300 Pulse

ORDER CODE **ET-300P**



The EVO TIG 300 Pulse is a high-performance digital inverter DC Pulse TIG welder, engineered with advanced inverter technology for exceptional welding performance. Its ClearVision display ensures optimal visibility in any lighting environment, while the digital encoder allows precise and effortless parameter adjustment.

Operators benefit from seamless, real-time control with optional wired and wireless remote solutions. The robust electrical architecture system delivers an extended duty cycle and outstanding reliability, even under the harshest conditions—further reinforced by its IP23 protection rating.

With Pulse technology, the EVO TIG 300P can help to reduce heat input, offering superior control on thin materials. Designed for professionals who demand uncompromising performance, flexibility, and durability, the ET-300P is the ideal solution for both demanding site work and workshop applications on carbon and stainless steels.

NEW



## KEY FEATURES

- TIG DC Pulse with digital control
- Program memory storage
- Microprocessor control of a wide range of functions
- HF and lift TIG
- VRD function
- ClearVision digital display with hollow rotary shaft encoder
- Intelligent fan and cooler control
- Excellent welding characteristics
- AVR generator friendly
- 2T/4T/Cycle and Spot trigger control
- Dash-Arc technology - ensures 99+% arc striking success rate
- Smart Gas technology automatically calculates the optimum post flow gas time
- MMA welding with Hot Start, Anti-Stick and Arc Force control
- Assisted spot welding mode
- Flexible remote control solutions including wired, wireless and mobile app control
- Easy-Set - Simplifies welding parameter settings
- Optional LC-40 Water cooler with enhanced usability and reliability
- Auto sleep mode with industry leading energy efficiency

## TECHNICAL DATA

Input voltage	AC 400V, 50/60 Hz
No load voltage	70V
I <sub>eff</sub>	7.9A
TIG	
Rated input power	8.5kVA
Current range	5-300A
Rated duty cycle @ 40°C	40%
I <sub>eff</sub>	9.2A
MMA	
Rated input power	10kVA
Current range	10-270A
Rated duty cycle @ 40°C	40%
Efficiency	≥85%
Power factor	0.94
Idle state power	<8W
Protection class	IP23S
Insulation class	H
Dimensions LxWxH	558 x 230 x 416mm
Weight	18.2Kg
Recommended generator size	15kVA

### STANDARD ACCESSORIES

Air Cooled TIG Torch (TIG-79ERGO), Work Return Lead, 2m Gas Hose c/w fittings, Regulator + Flow Meter

### OPTIONAL ACCESSORIES

Water Cooler (LC-40), Trolley (TR-03), Wireless Remote Control (HRC-02), Wired Remote Control (HRC-01), Wireless Foot Pedal (FRC-02), Wired Foot Pedal (FRC-01), Wireless Transceiver (TS4), Mobile Bluetooth APP Module (51009434)

\* Generator must have AVR



NEW



The EVO TIG 300 Pulse Water Cooled is a high-performance digital inverter DC Pulse TIG welder, engineered with advanced inverter technology for exceptional welding performance. Its ClearVision display ensures optimal visibility in any lighting environment, while the digital encoder allows precise and effortless parameter adjustment.

Operators benefit from seamless, real-time control with optional wired and wireless remote solutions. The robust electrical architecture system delivers an extended duty cycle and outstanding reliability, even under the harshest conditions—further reinforced by its IP23 protection rating.

With Pulse technology, the EVO TIG 300P can help to reduce heat input, offering superior control on thin materials. Designed for professionals who demand uncompromising performance, flexibility, and durability, the ET-300P-WC is the ideal solution for both demanding site work and workshop applications on carbon and stainless steels. Complete with LC-30 cooler for liquid torch cooling and robust two wheel site trolley, designed for improved manoeuvrability and capable of accommodating a full size gas cylinder.

## KEY FEATURES

- TIG DC Pulse with digital control
- Program memory storage
- Microprocessor control of a wide range of functions
- HF and lift TIG
- VRD function
- ClearVision digital display with hollow rotary shaft encoder
- Intelligent fan and cooler control
- Excellent welding characteristics
- AVR generator friendly
- 2T/4T/Cycle and Spot trigger control
- Dash-Arc technology - ensures 99+% arc striking success rate
- Smart Gas technology automatically calculates the optimum post flow gas time
- MMA welding with Hot Start, Anti-Stick and Arc Force control
- Assisted spot welding mode
- Flexible remote control solutions including wired, wireless and mobile app control
- Easy-Set - Simplifies welding parameter settings
- LC-40 Water cooler with enhanced usability and reliability
- Auto sleep mode with industry leading energy efficiency

## TECHNICAL DATA

Input voltage	AC 400V, 50/60Hz	
No load voltage	70V	
TIG	I <sub>eff</sub>	9.2A
	Rated input power	10kVA
	Current range	10-270A
	Rated duty cycle @ 40°C	40%
MMA	I <sub>eff</sub>	8.1A
	Rated input power	8.6kVA
	Current range	5-300A
	Rated duty cycle @ 40°C	40%
Efficiency	≥85%	
Power factor	0.94	
Idle state power	<8W	
Protection class	IP23S	
Insulation class	H	
Dimensions LxWxH	680 x 550 x 1170mm	
Weight	32.2Kg	
Recommended generator size	15kVA	

### STANDARD ACCESSORIES

Water Cooled TIG Torch (TIG83-ERGO), Work Return Lead, 2m Gas Hose c/w fittings, Regulator + Flow Meter, Water Cooler (LC-40) Trolley (TR-03)

### OPTIONAL ACCESSORIES

Wireless Remote Control (HRC-02), Wired Remote Control (HRC-01), Wireless Foot Pedal (FRC-02), Wired Foot Pedal (FRC-01), Wireless Transceiver (TS4), Mobile Bluetooth APP Module (51009434)

\* Generator must have AVR

# PRO TIG 400 Pulse DC Water Cooled

ORDER CODE **JT-400P**



The Jasic TIG 400 Pulse is a high-performance digital inverter DC Pulse TIG welder featuring inverter technology with excellent welding performance.

Featuring pulse technology to reduce heat input and offer more control when welding thinner materials, the JT-400P is designed for industrial carbon steel and stainless steel applications and is complete with a four wheel trolley and water cooler for liquid torch cooling as standard.



## KEY FEATURES

- Industrial grade IGBT inverter technology
- DC Pulse TIG/MMA with VRD function option
- MCU chip for high accuracy and consistency
- HF or Lift arc ignition, 2T/4T, spot-time
- Up/down slope, pre/post flow, crater/initial/weld current
- Digital panel with interface for easy software upgrades
- Gas test function in DC TIG mode
- Modular design with trolley and water cooler included
- Automatic 8 channel storage of welding parameters
- On demand fan and water cooling
- MMA remote capability
- Generator friendly\*

## TECHNICAL DATA

Input Voltage	AC 400V - 50/60 Hz	
I <sub>eff</sub>	14A	
Input Power	18kVA	
Current Range	TIG DC 5 - 400A	MMA DC 30 - 400A
Duty Cycle @ 40°C	400A @ 50%	
No-Load Voltage	68V	
Efficiency	85%	
Power Factor	0.96	
Protection/Insulation Class	IP21S/F	
Dimensions LxWxH	760 x 360 x 585mm	
Weight	90Kg	

### STANDARD ACCESSORIES

TIG Welding Torch (TIG-83ERGO) & Adaptor, Work Return Lead and Clamp, Gas Regulator, Trolley, Water Cooler

### OPTIONAL ACCESSORIES

Foot Control Unit (JFC-09)

\* Generator must have AVR



The Jasic TIG 202 Analogue leverages advanced inverter technology for AC/DC TIG welding from a single-phase power supply. Designed for professionals who value straightforward analogue control in an increasingly digital world, the JT-202A combines simplicity with performance.

Offering alternating and direct current outputs, the JT-202A is the ideal choice for professionals looking to weld both aluminium and steel materials.

Its intuitive knob-based interface delivers precise control without compromising on welding quality, thanks to the utilization of modern inverter technology.



## KEY FEATURES

- TIG Pulse AC/DC with analogue control
- Digital display
- Peak current control, 2T/4T
- Pre-post flow time, up/down slope
- High-Frequency arc ignition
- Pulse adjustment
- Pulse frequency, pulse duty, arc force, cleaning width
- Remote control interface
- AC function for aluminium and aluminium alloys
- DC TIG function for carbon steel, copper and non-ferrous metals
- Smooth arc and stable welding performance
- Heavy duty 35/50 dinse sockets
- VRD Function
- Generator friendly\*

## TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz	
I <sub>ef</sub>	TIG 16A	MMA 17A
Input Power	TIG 6.9kVA	MMA 7.1kVA
Current Range	TIG 5 - 200A	MMA 10 - 160A
Duty Cycle @ 40°C	TIG 200A @ 25%	MMA 160A @ 30%
No-Load Voltage	65V (7V VRD)	
Protection/Insulation Class	IP21S/B	
Dimensions LxWxH	566 x 224 x 405mm	
Weight	15Kg	

### STANDARD ACCESSORIES

TIG Welding Torch (TIG-79ERGO) & Adaptor, Work Return Lead and Clamp, Gas Regulator (SSARG2G)

### OPTIONAL ACCESSORIES

Foot Control Unit (JFC-08), Trolley (JTT-MWD), Water Cooler (JWC-MWD)

\* Generator must have AVR

# PRO TIG 200P AC/DC Pulse Analogue Water Cooled

ORDER CODE **JT-202A-WC**

 **JASIC** | PRO Series



The Jasic TIG 202 Analogue leverages advanced inverter technology for AC/DC TIG welding from a single-phase power supply.

Designed for professionals who value straightforward analogue control in an increasingly digital world, the JT-202A combines simplicity with performance.

Offering alternating and direct current outputs, the JT-202A is the ideal choice for professionals looking to weld both aluminium and steel materials. Its intuitive knob-based interface delivers precise control without compromising on welding quality, thanks to the utilization of modern inverter technology. Supplied with a robust four wheel trolley and water cooler for liquid torch cooling.



## KEY FEATURES

- TIG Pulse AC/DC with analogue control
- Digital display
- Peak current control, 2T/4T
- Pre-post flow time, up/down slope
- Pulse adjustment
- Pulse frequency, pulse duty, arc force, cleaning width
- High-Frequency arc ignition
- Remote control interface
- AC function for aluminium and aluminium alloys
- DC TIG function for carbon steel, copper and non-ferrous metals
- Smooth arc and stable welding performance
- Heavy duty 35/50 dinse sockets
- VRD Function
- Generator friendly\*

## TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz	
I <sub>eff</sub>	17A	
Input Power	6.9kVA	
Current Range	TIG 5 - 200A	MMA 10 - 160A
Duty Cycle @ 40°C	TIG 200A @ 25%	MMA 160A @ 30%
No-Load Voltage	65V (7V VRD)	
Protection/Insulation Class	IP21S/B	
Dimensions LxWxH	940 x 420 x 1130mm	
Weight	70Kg	

### STANDARD ACCESSORIES

TIG Welding Torch (TIG83-ERGO) & Adaptor, Work Return Lead and Clamp, Gas Regulator, Trolley (JTT-MWD), Water Cooler (JWC-MWD)

### OPTIONAL ACCESSORIES

Foot Control Unit (JFC-08)

\* Generator must have AVR



The EVO TIG 200 Pulse AC/DC is a high-performance digital inverter TIG welder, engineered with advanced PFC technology for exceptional welding performance.

Its ClearVision display ensures excellent visibility in any lighting, while the digital encoder allows precise, effortless parameter adjustment.

Operators enjoy seamless, real-time control with optional wired or wireless remote solutions. A robust electrical architecture combined with Active Balancing Air Passage delivers an extended duty cycle and outstanding reliability, even in the harshest conditions, reinforced by an IP23 protection rating.

Featuring Advanced Multi-wave and Hybrid-wave technology, the EVO TIG 200PACDC provides flexibility for any AC welding application, while Pulse technology reduces heat input and improves control on thin materials. Designed for professionals, the ET-200PACDC is the ideal compact solution for demanding site work and workshop applications on carbon and stainless steels, as well as aluminium. Also available with TFT-LCD display.

## KEY FEATURES

- Rugged, ergonomic design
- ClearVision technology
- Adaptable wide voltage range
- **Dash-Arc**
- **Smart Lift TIG**
- Full featured DC TIG parameters
- High-Frequency arc ignition
- Flexible remote control solutions (optional)
- Power factor correction (PFC), generator friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimised shielding gas consumption
- Fan on demand
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection
- TFT screen (optional)

## TECHNICAL DATA

	AC 95-265V, 50/60 Hz	
	AC 115V	AC 230V
No load voltage	65V	
leff	16.1A	10.6A
Rated input power	3.5kVA	4.7kVA
TIG	DC: 5-160A	DC: 5-200A
	AC: 20-160A	AC: 20-200A
Rated duty cycle @ 40°C	25%	
leff	18.7A	12.4A
Rated input power	3.9kVA	5.6kVA
MMA	10-120A	10-160A
	Rated duty cycle @ 40°C	
	30%	
Efficiency	80%	
Power factor	0.95	
Idle state power	<50W	
Protection class	IP23S	
Insulation class	H	
Dimensions LxWxH	490 x 165 x 341mm	
Weight	11.9Kg	
Recommended generator size	5kVA	7kVA

### STANDARD ACCESSORIES

TIG Welding Torch (JE79-ERGO-FLEXI), Lead Set, Gas Hose and Argon Regulator (SSARG2G)

### OPTIONAL ACCESSORIES

Wireless Remote Control (HRC-02), Wired Remote Control (HRC-01), Wireless Foot Pedal (FRC-02), Wired Foot Pedal (FRC-01), TFT Screen (TFT- ET-200PACDC), Water Cooler (LC-30), Wireless Transceiver (TS4)

\* Generator must have AVR

# EVO TIG 200 Pulse AC/DC PFC Water Cooled

ORDER CODE **ET-200PACDC-WC**

**JASIC** | EVO Series



The EVO TIG 200 Pulse AC/DC Water Cooled is a high-performance digital inverter TIG welder, engineered with advanced PFC technology for exceptional welding performance. Its ClearVision display ensures excellent visibility in any lighting, while the digital encoder allows precise, effortless parameter adjustment.

Operators enjoy seamless, real-time control with optional wired or wireless remote solutions. A robust electrical architecture combined with Active Balancing Air Passage delivers an extended duty cycle and outstanding reliability, even in the harshest conditions, reinforced by an IP23 protection rating.

Featuring Advanced Multi-wave and Hybrid-wave technology, the EVO TIG 200PACDC provides flexibility for any AC welding application, while Pulse technology reduces heat input and improves control on thin materials. Designed for professionals, the ET-200PACDC is the ideal compact solution for demanding site work and workshop applications on carbon and stainless steels, as well as aluminium. Supplied with an LC-30 cooler for liquid torch cooling. Also available with TFT-LCD display.

## KEY FEATURES

- Rugged, ergonomic design
- ClearVision technology
- Adaptable wide voltage range
- **Dash-Arc**
- **Smart Lift TIG**
- Full featured DC TIG parameters
- High-Frequency arc ignition
- Flexible remote control solutions (optional)
- Power factor correction (PFC), generator friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimised shielding gas consumption
- Fan on demand
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection
- TFT screen (optional)

## TECHNICAL DATA

	AC 95-265V, 50/60 Hz		
	AC 115V	AC 230V	
No load voltage	65V		
TIG	leff	16.1A	10.6A
	Rated input power	3.5kVA	4.7kVA
	Current range	DC: 5-160A AC: 20-160A	DC: 5-200A AC: 20-200A
MMA	Rated duty cycle @ 40°C	25%	
	leff	18.7A	12.4A
	Rated input power	3.9kVA	5.6kVA
	Current range	10-120A	10-160A
	Rated duty cycle @ 40°C	30%	
Efficiency	80%		
Power factor	0.95		
Idle state power	<50W		
Protection class	IP23S		
Insulation class	H		
Dimensions LxWxH	527 x 182 x 565 mm		
Weight	20.3Kg		
Recommended generator size	5kVA	7kVA	

### STANDARD ACCESSORIES

TIG Welding Torch (JE83-ERGO), Lead Set, Gas Hose and Argon Regulator, Water Cooler (LC-30)

### OPTIONAL ACCESSORIES

Wireless Remote Control (HRC-02), Wired Remote Control (HRC-01), Wireless Foot Pedal (FRC-02), Wired Foot Pedal (FRC-01), TFT Screen (TFT- ET-200PACDC), Wireless Transceiver (TS4), Two Wheel Site Trolley (TR-01/TR-02)

\* Generator must have AVR



**NEW**



The EVO TIG 320 Pulse AC/DC is a high-performance digital inverter TIG welder, engineered with advanced digital inverter technology for exceptional welding performance.

Its ClearVision display ensures excellent visibility in any lighting, while the digital encoder allows precise, effortless parameter adjustment.

Operators enjoy seamless, real-time control with optional wired or wireless remote solutions. A robust electrical architecture delivers an extended duty cycle and outstanding reliability, even in the harshest conditions, reinforced by an IP23 protection rating.

Featuring Advanced Multi-wave and Hybrid-wave technology, the EVO TIG 320PACDC provides flexibility for any AC welding application, while Pulse technology reduces heat input and improves control on thin materials. Designed for professionals, the ET-320PACDC is the ideal compact solution for demanding site work and workshop applications on carbon and stainless steels, as well as aluminium.

## KEY FEATURES

- TIG AC/DC Pulse with digital control
- Program memory storage
- Multi and hybrid-wave control technology offers ultimate flexibility for any AC welding application
- Microprocessor control of a wide range of functions
- HF and lift TIG
- VRD function
- Auto tungsten tip shaping simplifies tungsten preparation and ensures consistent AC arc start performance
- ClearVision digital display with hollow rotary shaft encoder
- Intelligent fan and cooler control
- Excellent welding characteristics
- AVR generator friendly
- 2T/4T/Cycle and Spot trigger control
- Dash-Arc technology - ensures 99+% arc striking success rate
- Smart Gas technology automatically calculates the optimum post flow gas time
- MMA welding with Hot Start, Anti-Stick and Arc Force control
- Assisted spot welding mode
- Flexible remote control solutions including wired, wireless and mobile app control
- Easy-Set - Simplifies welding parameter settings
- Optional LC-40 Water cooler with enhanced usability and reliability
- Auto sleep mode with industry leading energy efficiency

## TECHNICAL DATA

Input voltage	AC 230V, 50/60 Hz	
No load voltage	71V	
I <sub>eff</sub>	8.2A	
TIG	Rated input power	10.1kVA
	Current range	DC TIG 10-320A      AC TIG 20-320A
	Rated duty cycle @ 40°C	30%
I <sub>eff</sub>	8.7A	
MMA	Rated input power	11.5kVA
	Current range	10-270A
	Rated duty cycle @ 40°C	30%
Efficiency	≥80%	
Power factor	0.94	
Idle state power	≤10W	
Protection class	IP23S	
Insulation class	H	
Dimensions LxWxH	568 x 230 x 416mm	
Weight	23.8Kg	
Recommended generator size	15kVA	

### STANDARD ACCESSORIES

Air Cooled TIG Torch (TIG-79ERGO),  
Work Return Lead, 2m Gas Hose c/w fittings,  
Regulator (SSARG1GPS) + Flow Meter (FLOW14)

### OPTIONAL ACCESSORIES

Wireless Remote Control (HRC-02), Wired Remote Control (HRC-01),  
Wireless Foot Pedal (FRC-02), Wired Foot Pedal (FRC-01),  
Water Cooler (LC-40), Trolley (TR-03),  
Mobile Bluetooth APP Module (51009434)

\* Generator must have AVR

# EVO TIG 320 Pulse AC/DC Water Cooled

ORDER CODE **ET-320PACDC-WC**

**JASIC® | EVO Series**



## KEY FEATURES

- TIG AC/DC Pulse with digital control
- Program memory storage
- Multi and hybrid-wave control technology offers ultimate flexibility for any AC welding application
- Microprocessor control of a wide range of functions
- HF and lift TIG
- VRD function
- Auto tungsten tip shaping simplifies tungsten preparation and ensures consistent AC arc start performance
- ClearVision digital display with hollow rotary shaft encoder
- Intelligent fan and cooler control
- Excellent welding characteristics
- AVR generator friendly
- 2T/4T/Cycle and Spot trigger control
- Dash-Arc technology - ensures 99+% arc striking success rate
- Smart Gas technology automatically calculates the optimum post flow gas time
- MMA welding with Hot Start, Anti-Stick and Arc Force control
- Assisted spot welding mode
- Flexible remote control solutions including wired, wireless and mobile app control
- Easy-Set - Simplifies welding parameter settings
- LC-40 Water cooler with enhanced usability and reliability
- Auto sleep mode with industry leading energy efficiency

## STANDARD ACCESSORIES

Water Cooled TIG Torch (TIG-83ERGO), Work Return Lead, 2m Gas Hose c/w fittings, Regulator (SSARG1GPS) + Flow Meter (FLOW14), Water Cooler (LC-40), Trolley (TR-03), Cooling Fluid (WSTC5L)

\* Generator must have AVR

The EVO TIG 320 Pulse AC/DC Water Cooled is a high-performance digital inverter TIG welder, engineered with advanced digital inverter technology for exceptional welding performance. Its ClearVision display ensures excellent visibility in any lighting, while the digital encoder allows precise, effortless parameter adjustment.

Operators enjoy seamless, real-time control with optional wired or wireless remote solutions. A robust electrical architecture delivers an extended duty cycle and outstanding reliability, even in the harshest conditions, reinforced by an IP23 protection rating.

Featuring Advanced Multi-wave and Hybrid-wave technology, the EVO TIG 320PACDC provides flexibility for any AC welding application, while Pulse technology reduces heat input and improves control on thin materials.

Designed for professionals, the ET-320PACDC is the ideal compact solution for demanding site work and workshop applications on carbon and stainless steels, as well as aluminium. Complete with LC-30 cooler for liquid torch cooling and robust two wheel site trolley, designed for improved manoeuvrability and capable of accommodating a full size gas cylinder.

## TECHNICAL DATA

Input voltage	AC 230V, 50/60 Hz	
No load voltage	71V	
leff	8.2A	
TIG Rated input power	10.1kVA	
TIG Current range	DC TIG 10-320A	ACTIG 20-320A
TIG Rated duty cycle @ 40°C	30%	
leff	8.4A	
MMA Rated input power	10.2kVA	
MMA Current range	10-270A	
MMA Rated duty cycle @ 40°C	30%	
Efficiency	≥80%	
Power factor	0.94	
Idle state power	≤10W	
Protection class	IP23S	
Insulation class	H	
Dimensions LxWxH	680 x 550 x 1170mm	
Weight	32.2Kg	
Recommended generator size	15kVA	

## OPTIONAL ACCESSORIES

Wireless Remote Control (HRC-02), Wired Remote Control (HRC-01), Wireless Foot Pedal (FRC-02), Wired Foot Pedal (FRC-01), Mobile Bluetooth APP Module (51009434)

NEW

65



The Jasic TIG 500 Pulse AD/DC is an industrial, water cooled TIG welder featuring advanced inverter technology for a wide range of applications, from thin sheet metal to heavy duty welding. With both AC and DC outputs, it is suitable for both steel and aluminium applications.

Supplied as standard on a four wheel trolley complete with water cooler for liquid torch cooling, the TIG 500P is the ideal solution for industrial fabrication workshops.



## KEY FEATURES

- TIG Pulse AC/DC with digital control
- Program memory storage
- Easy to use, intuitive control panel
- High-Frequency arc ignition
- Pre-post flow time, up/down slope
- Pulse adjustment
- Pulse frequency, pulse duty, arc force, cleaning width
- Remote control interface
- AC function for aluminium and aluminium alloys
- DC TIG function for carbon steel, copper and non-ferrous metals
- Smooth arc and stable welding performance
- Water cooled
- Generator friendly\*

## TECHNICAL DATA

Input Voltage	AC 400V - 50/60 Hz	
I <sub>eff</sub>	23A	
Input Power	21.5kVA	
Current Range	TIG 10 - 500A	MMA 10 - 400A
Duty Cycle @ 40°C	500A @ 60%	
No-Load Voltage	74V	
Pulse Frequency	AC 70Hz	DC 200Hz
Protection/Insulation Class	IP21S/F	
Dimensions LxWxH	1080 x 510 x 1180mm	
Weight	128Kg	

### STANDARD ACCESSORIES

TIG Welding Torch (TIG-83ERGO) & Adaptor, Work Return Lead and Clamp, Gas Regulator (SSARG1GPS) + Flow Meter (FLOW14), Trolley, Water Cooler, Cooling Fluid (WSTC5L)

### OPTIONAL ACCESSORIES

Foot Control Unit (JFC-08)

\* Generator must have AVR