

# XTT 503 AC/DC Pulsed Inverter



## PROFESSIONAL LEVEL AC/DC PULSED TIG INVERTER WITH MMA FUNCTION

### AC/DC Output

The XTT 503 AC/DC can be used in both AC and DC modes for TIG or MMA welding allowing the welding of virtually any metal. Square wave AC output and power pulsing maximises productivity whilst reducing heat output.

The majority of steels can be welded in DC mode quickly using the pulse power function. The AC mode allows the welding of aluminium and magnesium alloys.

The square wave output and adjustable frequency maximises the arc energy offering high welding speeds when coupled with the power pulsing function.

### Generator Friendly

The XTT 503 AC/DC is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

STOCK CODE	DESCRIPTION
XTT503AC/DC	500A AC/DC Pulsed TIG Inverter 400V
XTT503AC/DC-P1	TIG Inverter with PRO18 TIG Torch Package and Regulator
XTT503AC/DC-P1W	TIG Inverter with PRO18, Regulator, XTS905 Water Cooler, Ultracool and Trolley
XTT503AC/DC-P1W2	TIG Inverter with PRO20, Regulator, XTS905 Water Cooler, Ultracool and Trolley

**FOR MORE INFORMATION ON THE XR935H GO TO PAGE 290**



WARRANTY VALID FOR UK AND EIRE ONLY

Sales: +44 (0) 1299 266800  
E-Mail: [info@parweld.co.uk](mailto:info@parweld.co.uk)

- 400V 3 Phase Input
- 500A @ 60% Duty Cycle
- Square Wave AC TIG Mode
- Variable AC Frequency
- Variable Pulse Frequency
- HF Arc Starting
- Adjustable Downslope (TIG Mode)
- Digital control
- Optional Foot Control
- Easy Electrode Striking with Arc Force (MMA)
- Easy Electrode Re-striking with Hot Start (MMA)
- Adjustable Downslope (TIG Mode)
- Supplied with 3m Earth Lead
- Connections 35-50mm Dinse
- Sturdy Metal Case
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

## Technical Information

PARAMETER	VALUE
Output Current	10-500A DC 15-500A AC
Input Voltage	400V 3P
Input Current Max	29A
Duty Cycle	500A @ 60%
Up Slope Function	0-10s
Down Slope Function	0-10s
Pre-flow Function	0-10s
Post Flow Function	0-10s
Pulse Rating	0.5-200Hz
AC Frequency	50-250Hz*
Minimum Fuse Rating	32
KVA	12
Enclosure Protection	IP23S
Dimensions (mm)	735 x 360 x 655
Weight (kg)	54

## Accessory Information

STOCK CODE	DESCRIPTION
CKE403	Electrode Holder Cable Kit x 3m
CKC403	Earth Cables Clamp Kit x 3m
PRO18-12S3DQ18	Pro-Grip Max® TIG 350A Water Cooled Torch 12.5ft
PRO20-12S3DQ18	Pro-Grip Max® TIG 250A Water Cooled Torch 12.5ft
XTI 902D	Foot Control – Digital Machines
D3595-1-1	TIG Adaptor
E700123	Argon Regulator Single Stage 2 Gauge
WP20AK	TIG Spares Kit in Plastic Case
WP18AK	TIG Spares Kit in Plastic Case
ERCP18	Trigger Plug
XR935H	Everyday Light Reactive Welding Helmet
XTSH1-353	Hook Up Kit 1m
XTS905	Water Cooler 400V
TR003	Trolley



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TIG INVERTER MACHINES