

XTT 315Di AC/DC MULTI WAVE TIG INVERTER



KEY FEATURES

- 400V 3 phase input
- 315A @ 60% duty cycle
- Square wave AC TIG mode
- Variable AC frequency
- Variable pulse frequency
- HF arc starting
- Digital control
- Optional foot control
- Supplied with 3m earth lead
- Connections 35-50mm twist lock
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

AC/DC OUTPUT

The XTT 315Di can be used in both AC and DC modes for TIG or MMA welding allowing the welding of virtually any metal.

Multi-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.

Multi-wave output using Sine, Triangle or Square wave allows precise heat and bead profile control. DC mix mode provides high speed welding



PARAMETER	VALUE
Output Current	5-315A DC 10-315A AC
Input Voltage	400V 3P
Duty Cycle	315A @ 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 [†]
Min Fuse Rating	16A
Input Current (Eff)	17.1A
KVA	13.6
Generator Size*	17 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	580 x 240 x 440
Weight (kg)	38

*Generator requires AVC

[†]AC frequency range restricted at higher amperages

GENERATOR FRIENDLY

The XTT 315Di is able to cope with inputs which fluctuate by +/-15% & can be used with the majority of generators.

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTT315Di	XTT315A AC/DC TIG Inverter 400V
XTT315Di-P1	XTT315Di c/w PRO26 Torch & Regulator
XTT315Di-P1W	XTT315Di c/w PRO18 Torch, Regulator, Water Cooler, Trolley & Coolant
XTT315Di-P1WT3	XTT315Di c/w PRO20 Torch, Regulator, Water Cooler, Trolley & Coolant

For full package contents see page 48

ACCESSORY INFORMATION:

STOCK CODE	DESCRIPTION
IV18-12S3DQ18	Pro-Grip Max™ 350A Water Cooled Torch 12.5ft
IV20-12S3DQ18	Pro-Grip Max™ 250A Water Cooled Torch 12.5ft
CKE403	Electrode Holder Cable Kit 3m
CKC403	Earth Cables Clamp Kit 3m
XTI902D	Foot Control
XTI903W	Wireless Foot control
D3595-1-1	TIG Adaptor
700123	Regulator Single Stage 2 Gauge
WP20AK	TIG Spares Kit Plastic Case
WP18AK	TIG Spares Kit Plastic Case
ERCP18	Trigger Plug
XTS910	Water Cooler 400V
TR008	Trolley