

A Whole New Weld

CIGWELD

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AC/DC Welding Inverters

Features

AS	Fully compliant to AS60974.1-2006 rated to IP23S	3 YEAR	3 Year Limited Warranty	VRD	VRD Virtually Eliminates Electric Shocks when Not Welding	AC/DC	AC/DC Lift TIG (GTAW), HF TIG (GTAW) & Stick (MMAW) Inverter Power Source
PFC	Power Factor Correction (PFC) Improves Product Efficiency (220AC/DC Only)	AC DC	Alternating Current / Direct Current Output	FAIL TO SAFE <35V	Fail to Safe Shutdown if VRD Malfunctions	SPOT	Spot Welding
8	Digital Voltage and Amperage Meters	PULSE	Power Source is fitted with Pulse Welding capabilities in TIG Mode	100 MEMORY	Store up to 100 welding jobs	FAN	Intelligent Fan Control
HF	Power Source is fitted with HF Start in TIG Mode	4.0mm MAX	Max Electrode Size 220AC/DC 4.0mm; 300AC/DC 5.0mm				

Ordering Information



W1007220	Transtig 220AC/DC Plant
W1007221	Transtig 220AC/DC Power Source
W1007301	Transtig 300AC/DC Power Source

Optional Accessories Information

646757	Lead Set 5m, 400A with 50mm ² Dinse Connectors
646325	Lead Set 8m, 400A with 50mm ² Dinse Connectors
646763	Electrode Holder with 8m lead, Trigger Switch (Deadman Switch) and 50mm ² Dinse Plug
W4014604	TIG Torch 26F with Flex Head, 4m lead, Trigger Switch and Remote Control and 50mm ² Dinse Plug*
B6SAK2	TIG Torch Accessories Kit
301526	Comet Edge Argon Regulator/Flowmeter
W7004913	Shielding Gas Hose Assembly

* TIG Torch 26F W4014604 is rated for 200A DC @ 30% and 300A DC @ 14%

Are You Protected

ProPlus⁺ Digital Auto Darkening Welding Helmet



VICTOR
TECHNOLOGIES™

Australia - (Asia Pacific Head Office)
CIGWELD Pty Ltd
A Victor Technologies Company
71 Gower Street, Preston VIC 3072 Australia
Customer Care
Tel: 1300 654 674 Fax: +61 3 9474 7391
Email: enquiries@cigweld.com.au
International Enquiries:
Tel: +61 3 9474 7508 Fax: +61 3 9474 7488
www.cigweld.com.au

Malaysia -
Victor Technologies
Lot 151, Jalan Industri 3/5A
Rawang Integrated Industrial Park,
Jln Batu Arang
48000 Rawang Selangor Darul Ehsan
West Malaysia

Tel: + 60 3 6092 2988 Fax: +60 3 6092 1085
www.victortechnologies.asia

Indonesia -
Victor Technologies
JL. Angsana II Blok AE No.28
Delta Silicon - Cikarang
Bekasi, 17550
Indonesia

Tel: +62 21 8990 6095 Fax: +62 21 8990 6096
www.victortechnologies.asia

China -
Victor Technologies
Unit 4F2, Zhao Feng Universal Building,
No. 1800 West Zhongshan Road,
Xuhui District, Shanghai 200235
China

Tel: +86 21 6407 2626 Fax: +86 21 6448 3032
www.victortechnologies.asia

In the interest of continuous improvement, CIGWELD Pty Ltd ABN 56 007 226 815 (Victor Technologies International) reserves the right to change the specifications or design on any of its products without prior notice.

Transtig 220 & 300

- AC/DC Lift TIG (GTAW), HF TIG (GTAW) & Stick (MMAW) Inverter Power Source
- Pulse Welding, Spot Welding, 2T (Normal) and 4T (Latch) capabilities whilst in TIG Mode
- Standards compliant Voltage Reduction Device (VRD)
- Fail to Safe Shutdown if VRD malfunctions
- Fully compliant to AS60974.1-2006
- Enclosure rated to IP23S
- User friendly control panel with digital Voltage and Amperage meters
- 3 Year Limited Warranty*



www.cigweld.com.au

Weld Hard Stay Safe



Outstanding seam quality and the perfect AC arc every time

When you need the highest quality aluminium weld, look no further than our Transtig 220AC/DC and 300AC/DC Series. Combining the finest hardware with the latest digital software control systems, these machines produce outstanding seam quality on even the thinnest materials.

The models come with DC stick, AC/DC Lift TIG and AC/DC HF TIG. Whilst in TIG the Transtig 220AC/DC and 300AC/DC is capable of Pulse Welding, Spot Welding, 2T (Normal) and 4T (Latch) modes. This makes them ideal for a range of industries, from boat building and panel beating to precision work in chemistry, wine or water tank installations.

As you'd expect from any CIGWELD product, the Transtig 220AC/DC and 300AC/DC models are packed with the latest safety features, which means the operator can confidently weld harder.

And with more controls at the stick, precise control has never been so easy.

“State-of-the-art technology for a precise weld, even on the thinnest aluminium.”

Specifications

Description	TRANSTIG 220 AC/DC	TRANSTIG 300 AC/DC
Processes	AC/DC Lift TIG (GTAW), HF TIG (GTAW) & Stick (MMAW)	AC/DC Lift TIG (GTAW), HF TIG (GTAW) & Stick (MMAW)
Supply Voltage	240V +/- 15%	415V +/- 15%
Nominal Supply Frequency	50/60Hz	50/60Hz
Factory Fitted Plug Rating	15A	Not Applicable
Number of Phases	1	3
Effective Input Current I _{1eff}	14.7A	11.6A
Welding Current Range STICK Mode (MMAW)	10 – 170A	10 – 200A
TIG (GTAW)	3 - 220A	5 - 300A
Open Circuit Voltage (VRD active)	<23V DC	<25V DC
STICK (MMAW) Welding Output, 40°C, 10 min.	170A @ 40%, 26.8V 140A @ 60%, 25.6V 120A @ 100%, 24.8V	200A @ 60%, 28.0V 170A @ 100%, 26.8V
TIG (GTAW) Welding Output, 40°C, 10 min.	220A @ 40%, 18.8V 180A @ 60%, 17.2V 160A @ 100%, 16.4V	300A @ 30%, 22.0V 220A @ 60%, 18.8V 180A @ 100%, 17.2V
Minimum Generator Requirement	6kW (7.5kVA @ 0.8PF)*	13kW (16kVA @ 0.8PF)*
Power Source Dimensions	H 326mm x W 185mm x D 483mm	H 326mm x W 185mm x D483mm
Weight	13.4 kg	16.3 kg
Protection Class	IP23S	IP23S
Australian Standards	AS 60974.1-2006 /IEC 60974-1	AS 60974.1-2006 / IEC 60974-1

The perfect balance.

The secret to the Transtig's industry-leading performance is its intelligent core.

Quality hardware and state-of-the-art software make sure that gas and current are precisely controlled. The result is a very intense and focused arc that gives a slimmer seam and perfect optics, with minimal heat input.

Add to that automatic downslope, to help you smooth out those ends and fill up the craters properly and it's easy to see why CIGWELD's latest AC/DC range is so perfectly suited to precision welding.

* Refer to operating manual or www.cigweld.com.au for full details. CIGWELD cannot guarantee full welding output power or duty cycle on generators due to variations in performance and specifications of different brands and types of generators.

State-of-the-arc technology



Transtig 220AC/DC Plant

The Transtig 220AC/DC Plant comes with everything you need to get up and running on lighter aluminium fabrication jobs, including the power source, regulator, TIG torch, electrode holder and leads. The shoulder strap and bag allows portability onsite so you can setup in a single trip. And because it's a single phase machine, you'll be able to plug in and start welding just about anywhere.

Plant Contents (Part No W1007220)

- Transtig 220AC/DC Power Source
- Comet Professional Argon Regulator/Flowmeter
- TIG Torch 26F with Flex Head, Trigger Switch & 8 Pin Remote Control Connection
- TIG Torch Accessories Kit
- Electrode Holder with 5m Lead
- Work Clamp with 5m Lead
- Shielding Gas Hose Assembly
- Shoulder Strap
- Product Bag
- Operating Manual



Transtig 220AC/DC Power Source

The Transtig 220AC/DC gives you high quality aluminium welding from a single phase power source. Light enough to swing over your shoulder but more than powerful enough for balustrade work, air conditioning piping or sheet metal fabrication, it's a machine that can be relied upon for multiple applications. Thanks to a clever bit of technology called power factor correction, the Transtig 220AC/DC is not only energy efficient but it will also run off a small generator too - perfect if you're out in the field or on a remote site.

Power Source Contents (Part No W1007221)

- Transtig 220AC/DC Inverter Power Source
- Shielding Gas Hose Assembly
- Shoulder Strap
- Operating Manual



Transtig 300AC/DC Power Source

With more power and a better duty cycle, the Transtig 300AC/DC is the workhorse of the Transtig range. There's pretty much no limit to what you can weld with this machine, making it ideal for boat yards, cylinder head repair shops and any other environments where heavy duty aluminium welding is needed.

Power Source Contents (Part No W1007301)

- Transtig 300AC/DC Inverter Power Source
- Shielding Gas Hose Assembly
- Shoulder Strap
- Operating Manual