

TRANSWELD 400

Welding Transformer for Shop and Site Application

- Natural air cooled for increased safety of the transformer.
- Horizontal shunt core design ensures longer operational life of the shunt-core moving mechanism.
- Well-spaced coils for adequate airflow to the transformer ensures longer service life.
- Robust and compact construction to withstand rough handling at sites.
- Ideal for TIG welding with optional TIG attachments.

Technical Data	Transweld 400
Mains supply, V/Ph, Hz	415/2 Lines of 3, 50
Open circuit voltage, VAC (Max)	80
Welding current range, A	50 - 400
Output at 60% duty cycle, A	300
Class of insulation	H
Type of cooling	Natural Air
Dimensions, l x w x h, mm	600x410x720
Weight, Kg	115

THH 630

Welding Transformer for Industrial and Fematic Welding

- Heavy-duty fan cooled welding transformers for MMA welding with basic, rutile and high recovery electrodes.
- Horizontal shunt core design ensures longer operational life of the shunt-core moving mechanism.
- Well-spaced coils for adequate airflow to the transformer ensures longer service life.
- Robust construction and rubber wheels for easy mobility.
- Ideal for TIG welding with optional TIG attachments.

Technical Data	THH 630
Mains supply, V/Ph, Hz	415/2 Lines of 3, 50
Open circuit voltage, VAC (Max)	73-80
Welding current range, A	90 - 630
Output at 60% duty cycle, A	500
Class of insulation	H
Type of cooling	Forced Air
Dimensions, l x w x h, mm	820 x 675 x 1050
Weight, Kg	210

RS400

The All Purpose Thyristorised MMA Welding Rectifier

- Reliable and high performance thyristorised MMA welding rectifier for projects, construction and pipe welding.
- Built-in Hot Start facility for easy arc striking.
- Burns all types of electrodes including cellulosic.
- Suitable for long lead welding with any type of electrode.
- Robust construction with large rubber wheels - ideal for site applications.
- Remote Control to adjust welding current during welding.
- Ideal for TIG welding with optional TIG attachments.

Technical Data	RS400
Mains supply, Ph x V, Hz	3x415± 10%, 50
Open circuit voltage, VDC (Max)	90
Welding current range, A	10-400
Class of insulation	H
Type of cooling	Forced Air
Dimensions, l x w x h, mm	825 x 695 x 1070
Weight, Kg	195

Easy Weld SSR 400 / 600

Fully Thyristorised Heavy Duty Thyristorised MMA Welding Rectifier

- Heavy-duty thyristorised rectifiers for shop and site use.
- Hex phase rectification ensures excellent welding output.
- Hot Start, prevention against electrode freezing and protection against HF interference.
- True vertical welding characteristics.
- Remote Control to adjust welding current during welding.
- Ideal for TIG welding with optional TIG attachments.

Technical Data	EasyWeld SSR 400	EasyWeld SSR 600
Mains supply, Ph x V, Hz	3x415±10%, 50	3x415±10%, 50
Open circuit voltage, VDC (Max)	100	100
Welding current range, A	10-400	10-600
Output at 60% duty cycle, A	400	600
Class of insulation	H	H
Type of cooling	Forced Air	Forced Air
Dimensions, l x w x h, mm	675 x 350 x 690	675 x 455 x 850
Weight, Kg	130	155

LHJ425/750

Heavy Duty MMA Welding Rectifiers for Welding and Gouging

- Heavy-duty MMA welding rectifiers for MMA welding with electrodes of any class and arc gouging (LHJ 750).
- Stepless adjustment of welding current by hand crank.
- Fan cooled for optimum cooling of the power source.
- Rugged construction - body made of powder-coated steel to suit all weather application.
- Large rubber wheels and handle - easy maneuverability.
- Suitable for Scratch TIG.

Technical Data	LHJ 425	LHJ 750
Mains supply, Ph x V, Hz	3x415, 50	3x415,50
Open circuit voltage, VDC (Max)	76	87
Welding current range, A	55 - 425	80 - 750
Output at 60% duty cycle, A	300	600
Class of insulation	H	H
Type of cooling	Forced Air	Forced Air
Dimensions, l x w x h, mm	780 x 950 x 870	780 x 950 x 870
Weight, Kg	185	225

Origo Arc 150/200

Single Phase Portable Inverters for MMA Welding

- Burns 2.5/3.15 mm electrodes of any class continuously.
- Practical and rugged design - convenient to use.
- Can be used with longer input supply cable - provides a larger area of operation.
- Suitable for Scratch TIG.

Technical Data	Origo Arc 150	Origo Arc 200
Mains supply, Ph x V, Hz	1 x230±10%, 50	1 x230±10%, 50
Fuse (slow), A	16	16
Open circuit voltage, VDC (Max)	60-75	60-75
Welding current range, A	4- 150	5- 180
Output at 60% duty cycle, A	110	140
Enclosure class	IP23C	IP23C
Application class	S	S
Standards of compliance	IEC 60974-1, EN50199	IEC 60974-1, EN50199

Dimensions, l x w x h, mm	380 x 180x300	380 x 180x300
Weight, Kg	6.9	8

Origo Arc 4000i A2 /Aristo Arc 4000i A4

Heavy Duty Inverters for MMA Welding

- Burns up to 6.3 mm electrodes of any class.
- Basic analog control Panel A2 and advanced control panel A4 with digital display and finer controls.
- Adjustable arc-force and hot start options available.
- Dust filter and laquered electronics - increased reliability.
- Suitable for Scratch TIG.

Technical Data	Arc 4000i
Mains supply, Ph x V, Hz	3x400±10%, 50
Fuse (slow), A	25
Open circuit voltage, VDC (Max)	78-90
Welding current range, A	16-400
Output at 60% duty cycle, A	320
Type of cooling	Forced Air
Enclosure class	IP 23
Application class	S
Standards of compliance	IEC/EN 60974 -1/-10
Dimensions, l x w x h, mm	614x289x266
Weight, Kg	45

Caddy Arc 251 i A32 /A34

Portable inverter power sources for MMA Welding

- Burns up to 4.0 mm electrodes of any class continuously.
- Rugged design - impact resistant polymer design.
- Built-in PFC to eliminate harmonics, digital display, Arc Plus regulator common in A32 / A34 control panel.
- Adjustable arc force, hot start and 2 job memories (A34).
- Handles 100m long mains cable.
- LiveTIG Start for smooth and safe operation in TIG.

Technical Data	Caddy Arc 251 i
Mains supply,	3 x 400 V, 50 Hz
Fuse (slow), A	16
Open circuit voltage, VDC (Max)	78
Welding current range, A (TIG/MMA)	4 - 250 / 3 - 250
Output at 60% duty cycle, A	190
Enclosure class	IP 23
Application class	S
Standards of compliance	IEC 60974-1 /-10
Dimensions, l x w x h, mm	418 x 188x208
Weight, Kg	10.5

Origo Arc 410c / 650c /810c

Chopper Based DC Power Sources for MMAW/CAG /GTAW

- Robust construction to handle tough working conditions.
- Built-in arc force, hot start and anti stick functions.
- Burns electrodes of any class including cellulosic.
- Stepless welding current control and optional remote.
- Mains voltage compensation - stable welding.
- Digital VA meter to display the welding parameters (optional for Origo Arc 410c).

Technical Data	Origo Arc 410c	Origo Arc 650c	Origo Arc 810c
Mains supply, Ph x V, Hz	3x400±10%, 50	3x400±10%, 50	3x400±10%, 50

Fuse (slow), A	25	50	63
Open circuit voltage, VDC	56	56	56
Welding current range, A	20 - 400	20 - 650	20 - 800
Output at 60% duty cycle, A	310	490	630
Type of cooling	Forced Air	Forced Air	Forced Air
Enclosure class	IP 23	IP 23	IP 23
Application class	S	S	S
Standards of compliance	EN 60974-1/-10	EN 60974-1/-10	EN 60974-1/-10
Dimensions, l x w x h, mm	1310x800x780	1310x800x780	1310x800x780
Weight, Kg	157	223	245

Special CVCC variants of the above are available in the 400/500/650A segment.

653 CVCC

Power Sources for MIG/MAG, SAW, MMA Welding and Arc Gouging

- Multi-process thyristorised welding power sources suitable for heavy duty welding applications.
- MIG/MAG welding of all metals with 0.6 - 2.4 mm MS/Al/FC wire and suitable wire feeder.
- Control PCBs are housed suitably to protect from dust and dirt and permit longer operational life.
- Optional pulsing option available.
- Wide choice of functionalities with wire feeders MIG 4HD, Dura Drive 4-30 and Dura Drive 4-48.

Technical Data	653 cvcc
Mains supply, Ph x V, Hz	3x400±10%, 50
Open circuit voltage, VDC (Max)	59
Welding current range, A	50 - 750
Output at 60% duty cycle, A	750
Output at 100% duty cycle, A	600
Type of cooling	Forced Air
Dimensions, l x w x h, mm	819x483x622
Weight, Kg	240