

REEFLEX®

LOCO BATTERY WELDERS



42 CELL

60 CELL

**2 YEAR
WARRANTY
ON ALL MODELS**

160 Amp

200 Amp



Designed and
manufactured
in South Africa

100 % duty
cycle @
maximum
output

DC TIG
welding

**BUILT-IN
VOLTAGE
REDUCER**

Thermal &
input voltage
protection

REVERSE POLARITY PROTECTION

www.reeflex.co.za



REEFLEX®
WELDING

MAIN BENEFITS

The Reeflex range of inverter welders are lightweight, fully portable, heavy duty industrial DC welders for coated electrode and TIG welding. This makes them absolutely ideal for maintenance and production applications. A built-in voltage reducing device is also available for added safety.



PRINCIPLE OF OPERATION

The Reeflex inverters utilise cutting-edge technology in combination with the latest power electronic switching devices available, to convert a high voltage DC BUS down to the required welding voltage. The high switching frequency provides an output dynamic response in excess of 10 kHz, which enables the converter to control the welding arc with great precision. The DC output current is controlled by means of feedback, and sufficient current boost is added to optimise the welding process.



WELDING PERFORMANCE

The extremely high output dynamic response, precise control of the output current and sufficient striking voltage ensures easy striking, low spatter, and very smooth running. These features simplify the welding process significantly, and near-perfect welding is obtained with most electrode types.

		42 CELL		60 CELL	
PRIMARY		160A	200A	160A	200A
INPUT VOLTAGE		84 VDC ±15%	84 VDC ±15%	120 VDC ±15%	120 VDC ±15%
INPUT CURRENT		60A max	75A max	40A max	50A max
REVERSE POLARITY PROTECTION		Yes	Yes	Yes	Yes
SECONDARY					
DC WELDING CURRENT		160A/27V	200A/28V	160A/27V	200A/28V
DUTY CYCLE AT MAXIMUM OUTPUT		100 %	100 %	100 %	100 %
CURRENT RANGE		16 – 160A	20 – 200A	16 – 160A	20 – 200A
OPEN CIRCUIT VOLTAGE		15/60	15/60	15/60	15/60
CONSTANT CURRENT FOR DC TIG WELDING		Yes	Yes	Yes	Yes
ARC FORCE		Yes	Yes	Yes	Yes
MAXIMUM ELECTRODE DIAMETER		4 mm	5 mm	4 mm	5 mm
COOLING		Fan	Fan	Fan	Fan
DIMENSIONS	HEIGHT	220 mm	220 mm	220 mm	220 mm
	WIDTH	200 mm	200 mm	200 mm	200 mm
	LENGTH	380 mm	380 mm	380 mm	380 mm
WEIGHT		10 kg	10 kg	10 kg	10 kg
BUILT-IN VOLTAGE REDUCER		Yes	Yes	Yes	Yes

Manufactured by

REEFLEX®
WELDING

Reeflex Welding (Pty) Ltd. Reg No 2009/00948/07
Manufacturers of welding machines since 1981

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