

# NEWARC

Powered by  
**Weldability** **stf**

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## Newarc R5000



### Heavy Duty MMA DC Inverter Power Sources



NA9910619

# Professional welding technology

## for industry

These heavy duty MMA D.C inverter power sources have been designed using the latest developments in power electronics. Electronic parts are enclosed in a separate sealed compartment for protection from the environment.

This portable, versatile inverter power source responds to changes in the welding arc much faster than conventional machines resulting in a more stable and controllable weld pool.

Due to the high efficiency and power factor these units provide energy and cost saving solutions.



### Main features

- Inverter configuration provides a more stable and faster response in CC and CV control resulting in more stable welding conditions
- Fabricated in robust external casing to withstand the most extreme environments
- Cooling on demand system minimizes power consumption and dust ingress
- The construction technique ensures minimal contamination of internal electronic systems
- Large overhead of voltage
- available for use with long interconnection cables.



Ideal for Nuclear & Petrochemical industries, Offshore, Shipyards and Construction Sites

## Technical data

### Newarc R5000

Input Current at Max Output	33 amps
Power Consumption	25KVA
Recommended Mains Fuse	40A slow blow or type C MCB
Mains Cable	4 x 4.0mm <sup>2</sup> flexible cable
Power Factor	0.95
Max Output Current	500 amps
Open Circuit Voltage	>90V
Current Control	5-250 amps 20-500A Infinitely Variable
Duty Cycle at 40°C	60% @500A 100% @400A
Electrode Size	1.6 – 6.3
Insulation Class	F
Dimensions (L x W x H) (mm)	570 x 310 x 450
Weight (kg)	37

## Ordering information

Description	Part number
Newarc R5000, 500A MMA Inverter power source	<b>NA9910619</b>
5m x 50mm <sup>2</sup> Earth assembly	<b>NAM91006</b>
5m x 50mm <sup>2</sup> Electrode assembly	<b>NAM91003</b>
SS2G Argon regulator	<b>NAM050075</b>



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