

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 ² 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	NA9910619
5m x 50mm ² Earth assembly	NAM91006
5m x 50mm ² Electrode assembly	NAM91003
SS2G Argon regulator	NAM050075



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