

Newarc R4000cc



Heavy Duty MMA DC Inverter Power Source



NA9910212

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

- Powerful 400 and 500 amps advanced inverter power source
- Fabricated in robust external casing to withstand the most extreme environments
- Cooling on demand system minimizes power consumption and dust ingress
- Very high duty cycle even at high ambient temperatures
- Large overhead of voltage available for use with long interconnection cables

Additional equipment

Remote Control unit RC300

The RC300 remote control unit allows the operator to control the welding current at point of weld.



TIG Welding unit TIG300

The TIG 300 HF control unit may be connected to the R2500 unit to enable TIG welding to be carried out at up to 100 meters from the power source.





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

Technical data

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Power voltage (V)	380-480 Volts 3 Phase 50/60Hz
Input Current at Max Output	24A
Power Consumption	18.5 KVA
Recommended Mains Fuse	32A slow blow or type C MCB
Mains Cable	4 x 4.0mm ² flexible cable
Power Factor	0.95
Max Output Current	400 amps
Open Circuit Voltage	>80V
Current Control	20-400A Infinitely Variable
Duty Cycle at 40°C	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)	33

Ordering information

Description	Part number
Newarc R4000, 400A MMA Inverter power source	NA9910212
5m x 35mm ² Earth Cable	NAM91005
5m x 35mm ² Electrode Lead	NAM91002
1S 2G Argon Regulator	AE3005LX
T300 -HF TIG Unit	NA9910309
RC300 Remote control unit	NA9910701



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