



Inverter Power

# R4000CC/CV

# R5000CC/CV

## New Generation Multi-Process Inverter Power Sources



The R4000 and R5000 are advanced inverter power sources with outputs of 400 amps and 500 amps respectively. The CC/CV versions are suitable for MMA, TIG and MIG/MAG welding.

These inverter power sources are versatile, lightweight and portable. The advanced inverter design provides a more stable and precise arc characteristic than conventional machines ensuring high quality welding performance.

Due to the high efficiency and power factor these units provide energy and cost saving solutions. Fabricated in a robust external casing this power source is extremely reliable in the most extreme conditions

### 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.

### Applications

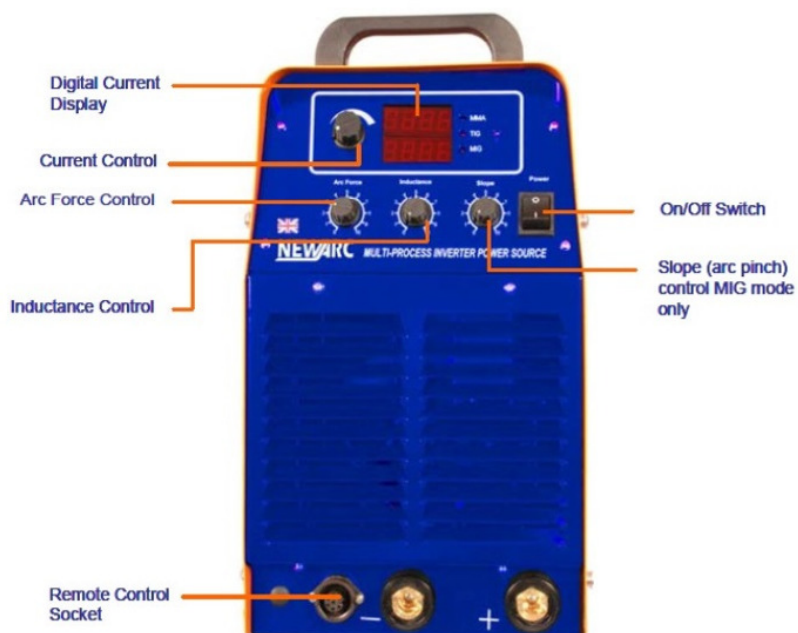
Ideal for Nuclear & Petrochemical industries, Offshore, Shipyards and Construction Sites

Technical data	R4000	R5000
Models Available	380-480 Volts 3 Phase 50/60Hz	380-480 Volts 3 Phase 50/60Hz
Input Current at Max Output	24 amps	33 amps
Power Consumption	18.5 KVA	25 KVA
Recommended Mains Fuse	32A slow blow or type C MCB	40A slow blow or type C MCB
Mains Cable	4 x 4.0mm <sup>2</sup> flexible cable	4 x 4.0mm <sup>2</sup> flexible cable
Power Factor	0.93	0.93
Max Output Current	400 amps	500 amps
Open Circuit Voltage	>80V	>90V
Current Control	20-400A Infinitely Variable	20-500A Infinitely Variable
Duty Cycle at 40°C	60% @400A 100% @350A	60% @500A 100% @400A
Electrode Size	1.6 – 6.3	1.6 – 6.3
Insulation Class	F	F
H x W x L (mm)	450 x 310 x 570	450 x 310 x 570
Weight (kg)	33	37

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## Wire Feed Units

A wide range of wire feed units are compatible with the R4000, R5000 CC/CV unit. These include; WFU8A-RV, WFU 12A-RV, WFU12-4C and WFU 12ILS.



T300

## TIG Unit

The TIG High Frequency control unit provides gas pre and post purge control, high frequency striking, remote current control, digital readout, up and down slope and torch switch latching.

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To maintain continued developments of our products we reserve the right to alter specifications as quoted without prior notice