

# RAGNARC 211

**RAGNAR**  
WELDING



## RagnaArc 211 at a glance

The RagnaArc 211 combines the latest IGBT power technology with smooth accurate digital control. It provides the user with the ability to stick weld (MMA) as well as DC TIG weld with lift ARC start, and VRD MMA for increased safety.

It features a simple control panel with a stepless current adjustment knob, and its extreme portability makes it perfect for use in tight spaces or outdoors, for maintenance or repair jobs.

With its 200A @ 60% duty cycle at 40 degrees Celsius, this compact yet HEAVY DUTY DC ARC inverter welder is the perfect choice for professionals and industrial users.

## RAGNARC 211 MAIN FUNCTIONS

**2 YEARS**  
WARRANTY

### MMA PROCESS (STICK)

Capable of welding all types of common used STICK welding electrodes, such as 6013, 7018 etc.

### LIFT TIG PROCESS

Capable of welding TIG with Lift Arc start.

### IGBT INVERTER TECHNOLOGY

Differently from traditional AC transformer system, guarantees cutting edge technology in welding, specifically by providing better arc stability, lower current consumption, compact equipment size and lightweight.

### MCU CONTROL SYSTEM (INTELLIGENT MACHINE CONTROL)

A built-in microprocessor for real time monitoring of the arc and machine protection detection.

### ANTI-STICKING

Will reduce the output current after senses the electrode contact with the metal for a prolonged period.

### AUTOMATIC HOT START

Boosts the current during starting for quicker ignition.

### DIGITAL METER

Three digits digital meter for real time current and error warning display.

### SELF ADAPTIVE ARC FORCE

Gives additional amperage during low voltage (short arc length) conditions while welding. Helps avoid "sticking" electrodes to the workpiece.

### GENERATOR FRIENDLY

Can be connected to power generators.

### EXCELLENT ARC STABILITY

Smooth and reactive welding arc for superior ignition, penetration and welding quality.

### LIGHTWEIGHT & PORTABLE

Only 460\*160\*290mm and 6Kg, with handle.

### FAN COOLED

Powerful fan and special internal engineering design for efficient cooling and keeping the impurities and dust away from sensitive electronic parts.

### VRD

Voltage Reduction Device reduces the Open Circuit Voltage and increases safety of the operator in moist/humid environments

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## TECHNICAL DATA



### PARAMETERS

MODEL RAGNARC 211

Power Supply Voltage (V)	1 ph 230±10%	
Frequency (Hz)	50/60HZ	
	MMA	TIG
Rate Input Current (A)	44	30
Rated Input Power (KW)	10	6.9
Welding Current (A)	10-200	
No Load Voltage (V)	65	65
Duty Cycle (40°C 10min)	60% 200A	
	100% 155A	

Efficiency (%)	85
Power Factor	0.6
Protection Class	IP21S
Cooling	AF
Net Weight (Kg)	6
Dimensions (mm)	460*160*290
Electrode Diameter	φ1.6-φ4.0
Electrode Type	6013,7018 etc.

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## PACKAGE INCLUSIONS



RAGNARC 211 POWER SOURCE

WELDING CABLE 16mm<sup>2</sup> 3m & ELECTRODE HOLDER 300A

EARTH CABLE 16mm<sup>2</sup> 3m & EARTH CLAMP 300A

CARRY CASE (L)

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## ORDERING INFORMATION & OPTIONAL ACCESSORIES

RA.211.01P – RagnArc 211 Package

RACC.1600001 – Earth Cable 16mm<sup>2</sup> 3m & Earth Clamp 300A

RA.211.01 – RagnArc 211 Power Source

RACC.1600002 – Welding Cable 16mm<sup>2</sup> 3m & Electrode Holder 300A

IION9906-00 – TIG 17V 4m

RACC.K000002 – Carry Case (L)

\*Images and specifications are for reference and are subject to changes/improvements without notice.