



**Discovery 200S** is a compact and **portable 3 Phase** inverter power source for MMA and TIG DC welding applications with excellent arc characteristics in both processes.

**Discovery 200S** is specifically designed for adverse working conditions, such as offshore, shipyards, boat-maintenance and repair.

**TIG DC functions** and **digital control** available is an optimized combination also for maintenance, building construction, light-medium metal structures.

**Hot Start** and **Arc Force** are adjustable in MMA welding and guarantee a better arc ignition, smoother deposition and fluent welding.

**Anti Sticking** allows electrode unstick from the base material in case of accidental sticking.

Most of market-electrodes **up to 5mm** diameter can be easily welded.

In TIG DC both **pulse frequency** (0,5-250Hz) and **pulse base current** can be set by the welder for optimal arc focusing, lower heat input and lower deformations.

- **Light weight** and **reliable**
- **Handle** and **Shoulder Strap** for easy carrying
- **Built-in Wind Tunnel** protects electronic devices from dust and saltiness and improves reliability
- **Microprocessor** controls real-time welding parameters
- **Hot Start** increases the start-current and gives better arc ignition
- **Arc Force** avoids short circuits and lack of fusion during the welding
- **Lift TIG DC ignition** reduces Tungsten inclusions
- **Remote Control** applicable

<b>Processes:</b>	MMA - TIG DC
<b>CE Directives:</b>	2002/95/CE, 2004/108/CE, 2006/95/CE
<b>CE Standards:</b>	EN 60974-1, EN 60974-10



**Power Inverter Inside**

- Higher Efficiency
- Lower Energy Demand



**W.ECO Technology Inside**

- Lower harmonic current emissions
- Lower input current

	REFERENCE
<b>Discovery 200S</b>	001.0027.0000
Electrode Holder 35mm <sup>2</sup> L=4m	006.0002.0028
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003
Torch TIG 26V L=4m	006.0005.0002
Remote control RC01 L=5m	006.0003.0005
Remote control RC01 L=10m	006.0003.0010
Remote control RC01 L=20m	006.0003.0020
<b>Suggested composition:</b>	
Discovery 200S	
Electrode Holder 35mm <sup>2</sup> L=4m	
Earth Cable 35mm <sup>2</sup> L=4m	

**TECHNICAL DATA**

	3x400Vac ± 15% @ 50-60Hz					
	16A					
	MMA			TIG		
	40%	60%	100%	40%	60%	100%
	200A	170A	130A	200A	170A	130A
	5A – 200A			5A – 200A		
	61V					
	6,7kVA - 6,3kW					
	23S					
	400 x 160 x 260 mm					
	10,0Kg					