



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

Processes: MMA - TIG DC

CE Directives: 2002/95/CE, 2004/108/CE, 2006/95/CE

CE Standards: 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

TECHNICAL DATA

	3x400Vac ± 15% @ 50-60Hz					
	16A					
	MMA			TIG		
% _{40°C}	40%	60%	100%	40%	60%	100%
	200A	170A	130A	200A	170A	130A
I ₂	5A – 200A			5A – 200A		
U ₀	61V					
P _{1 MAX}	6,7kVA - 6,3kW					
IP	23S					
	400 x 160 x 260 mm					
	10,0Kg					

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