

**ARC WATER PROOF Series IGBT Inverter DC MMA Welder**

**ES 401 S**



MANUFACTURER / IMPORTER IN INDIA

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VIRGO SOLUTIONS INDIA LLP

AHMEDABAD, AURANGABAD, BHUBANESWAR, DELHI, GUWAHATI, HYDERABAD,  
INDORE, JAIPUR, KOLKATA, LUCKNOW, LUDHIANA, MUMBAI, NAGPUR, PUNE, RAIPUR, VARANASI

**Product description:**

- SMT surface mount design on PC's, with advanced craft with good protection of under voltage, over voltage and over current, Its make the machine safe and reliable.
- Self - adaptive power switch, wide range from 110Volt to 280Volt for single phase and 280Volt to 560Volt for three phase.
- CC feature, With stable arc.
- Modular functional unit, which highly enhance machine reliability.
- Original imported IGBT, with high stability.
- With advanced high efficiency inverter technique 30KHz, high working frequency, energy saving and environmental protection.
- Welding cable can be lengthened to 500 meters, and welding performance is stable.
- Effectively solved the problem of unstable power supply by using generator during outdoor work.
- Suitable for using acid electrode, basic electrode and high strength electrode, etc.
- Smart cooling fan, with better performance.
- Separated arc force knob, easily adjusting.
- Built-in VRD protection, meet Ce requirement.
- With tri-proof design, it ensures working stable and reliable when in kind of adverse circumstance.

**Main technical parameters:**

	<b>ES 401 S</b>	
Phase	1 H. 2 PH & 3 PH	
Standard input voltage	AC220V+10%   415V*2P/3P+10%	
Valid input voltage range	120-560V	
Frequency	50/60Hz	
Rated input capacity	12 KVA	
Rated input current	25 A	
Output voltage	68 V	
Output voltage	13.5	
Duty cycle	100% 160A	60% 280A 100% 220A
Current Adjusting range	20-220A	20-400A
Voltage Adjusting range	20.8-30	20.8-32.8
Efficiency	85%	
Insulation class	F	
Shell protection class	IP21S	
Dimensions in mm	495X225X395	
Net weight (kg)	14	
Suitable electrode size	16/2.5/3.15/4.0	