

ARC WATER PROOF series (IGBT) Iverter DC MMA Welder

**ES 401 S**



MANUFACTURER / IMPORTER IN INDIA

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**Product description:**

- SMT surface mount design on PCB'S, with advanced creft 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 100 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.
- 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	1PH & 2PH & 3PH
Standard input voltage	AC220V±10%   AC415V*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	60% 280A 100% 160A   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 (mm)	495X225X395
Net weight (kg)	14
Suitable electrode size	16/2.5/3.15/4.0