

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

**ES301**



**Standard Accessories**

- 1 set electrode holder with 16mm<sup>2</sup> cable (3m) + 35-50 male connector
- 1 set earth clamp with 16mm<sup>2</sup> cable (2m) + 35-50 male connector



MANUFACTURER / IMPORTER IN INDIA

SALES:- SALES@VIRGOPLUS.IN  
SERVICES:- SUPPORT@VIRGOPLUS.IN

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 PCBs, 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.
- CC feature. With stable arc and built in VRD.
- 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.
- With tri-proof design, it ensures working stable and reliable when in kind of adverse circumstance.

**Main technical parameters:**

	<b>ES301</b>
Standard input voltage	AC220V+10%
Valid input voltage range	110-280V
Frequency	50/60Hz
Rated input capacity	7.5 KVA
Rated input current	34A
Output voltage	80 V
No-load output	13.5
Duty cycle	60% 190A 100% 148A
Current Adjusting range	20-300A
Voltage Adjusting range	20.8-27.6
Efficiency	85%
Insulation class	F
Shell protection class	IP21S
Dimensions in mm	350X172X290
Net weight (kg)	6 Kg
Suitable electrode size	1.6/2.5/3.15/4.0