



WIZARD GOLD STUD 1600

Application :

- Heat Exchangers
- Sheet Metal Fabrication
- Medical/Electrical Equipments
- Electrical Appliances

Processes:

- Capacitor Discharge Stud Welding

Features :

- Current limiting charging technology reducing the impact on input power network.
- Stable charging voltage with good uniformly of storage energy.
- Low power, Less weld time, Less Distortion-Suitable for Welding on thin plates
- Welding Speed of 40 pcs per minutes (Base on Dia of Stud)



Technical Data :

Input Voltage	Input Power	Output Voltage	Capacitance	Welding Time	Weight
230 VAC $\pm 15\%$	500 w	35-200 VDC	108000 F	0.001 -0.0035 sec.	18 Kg.

SPECIFICATIONS

- High stability, light weight, small size, with casters for easy movement.
- Wide current adjustable range, stable arc, sufficient power.
- Clear and intuitive digital display of welding current and welding time.
- Complete protection circuit.
- Three proof design for key parts, stable and reliable operation.

Model	STUD 1600
Input Power Source	3P-415 $\pm 15\%$
Rated Input Capacity	97 KVA
Rated Input Current	147A
No Load Voltage	90V
Maximum Length of Ground Cable	30M
Duty Cycle	15%
Current Adjustment Range	300-1600A
Weldable Stud Diameter	6-19MM
Welding Time	0.3-3
Efficiency	≤ 400
Insulation Class	90%
Dimensions	IP21S
Weight	690 x 390 x 760 mm 75 KG

FEATURES

New Design, Smart Appearance
Compact Size, Lightweight and Power Saving

Strong Current Output, Superior Arc Performance
Quality Weld with Precise Control