

IGBT Inverter Stud Welders

Features

- Soft switch technology, high efficiency, low power consumption
- Support stud welding and manual welding
- Automatic protection from over current, overheat, over/under voltage, and phase lacking
- Strong penetration capability of are and deeper fusion penetration
- Step less adjustment of welding current and welding time
- Suitable for all kinds of studs
- A voltage fluctuation of +20% is allowable



Model Name	RSN-1600	RSN-2000	RSN-2500	RSN-3150
Power source	3X280V/415V 50Hz			
Rated input power	71 KVA	89KVA	111KVA	140KVA
Rated input current	108A	135A	169A	313A
Duty cycle	13%	13%	13%	13%
O.C.V	70-80V	70-80V	70-80V	70-80V
Welding current	200-1600A	200-2000A	200-2500A	200-2500A
STUD DIA	17MM	22MM	25MM	32MM
Matching current	1280×D (D:diameter of stud mm, Iractual welding current. Stud diameter ≤16mm) 1290×D(D:diameter of stud mm, Iractual welding current. Stud diameter>16mm)			
Proportion between stud and workpiece thickness	Work piece thickness: stud diameter≥ 1:3			
Air switch	100A	100A	100A	100A
Input cable (mm)	3×10+1×6	3×16	3×16	3×16
Insulation grade	F			
Raising method	Lift			
Protection Class	IP21			