



INVERTER 805i-10

- Connection voltage: 230V at high power output
- Stud welding with ceramic ring, welding range 2-10 mm
- Gas-shielded stud welding, welding range 2-10 mm
- Maximum current 800 A
- Weight 27 kg

Operates on single-phase current!

Technical specifications

Stud welding with ceramic ferrule, weldable stud range Ø (mm)	2-10
Short Cycle stud welding, weldable stud range Ø (mm)	2-8
Stud welding with shielding gas, weldable stud range Ø (mm)	2-10
Max. current [A]	800
Current setting range [A]; 4 Zones	100-600 / -650 / -750 / -800
Time setting range [ms]; 4 Zones	1-300/600A; -250/650A; -200/750A; -160/800A
Gas pre-flow time [ms]	10-2000
Max. stud/min at ... Ø [mm]	40/3 9/8
Self-diagnosis: Overheating	●
Short circuit control	●
Power factor correction (PFC)	●
Malfunction of pilot arc	●
Microprocessor control	●
Storage of parameters for current, time and gas pre-flow time	20
Constant current regulation	●
Repeat cycle lock	●
Input voltage 50 / 60 Hz, single-phase	1- 230V single-phase
Mains plug [A]	Schuko 16A
Mains cable	3m 3×2,5mm ² H07RN
Mains fusing time-lag [A]	16A
Mains power consumption at ...% ED [kVA]	max. 8kVA
Tolerance mains voltage [%]	-15/+6
Menu: Selection of various languages	●
Dust and moisture protection of control unit	●
Class of protection	IP 23
Cooling	F
Stud counter	●
Interface for automatic components	○
Housing dimensions LxBxH [mm]	550×225×470
Swivel castors/fix castors	-
Weight [kg]	27
Shielding gas equipment	●
Stud welding guns: SK 14	●
K 22	○

- Connection voltage 230 Vac single-phase
- Current and time continuously adjustable in four zones
- Mobile usage possible
- Housing dimensions LxWxH (mm): 550x225x470
- Plain text in LC display
- User interface 4 languages selectable: German, English, French, Italian
- Shielding-gas equipment standard
- Self-diagnosis for: Overheating, short circuit control, power factor correction (PFC) and malfunction of pilot arc
- Microprocessor controlled
- Constant current regulation
- Re-triggering protection raus
- Repeat cycle lock
- Metal housing, powder-coated
- Connection of automatic components: optional