



Inverter-Capacitor Charging Technology

Maximum welding rates
Minimum energy consumption
Minimum weight
Maximum efficiency

Visar 650

Stud welding unit

For ARC stud welding
(short cycle drawn arc welding (BH 10),
drawn arc welding (BH 100))
according to current standards

Technical Data

Welding range	BH 100: dia. 14 ga to 5/16" (dia. 2 to 8 mm), #4 to 3/8" (M3 to M10) (type RD) BH 10: dia. 14 ga to 1/4" (dia. 2 to 6 mm), #4 to 1/4" (M3 to M6)
Welding material	Mild steel, stainless steel
Welding rate	M3 = 40 studs/min M8 = 12 studs/min
Welding current	650 A (max.)
Stromeinstellbereich	100 to 650 A
Welding time	5 to 200 ms (stepless)
Primary power	100 to 240 V, 1 phase, 50/60 Hz, 16 AT
Primary plug	2-pin grounded safety plug
Connected load	3 kVA
Cooling type	F (temperature controlled cooling fan)
IP Code	IP 44
Dimension L x W x H	18.66" x 13.27" x 13.82" (474 x 337 x 351 mm) with handle
Weight	39.68 lbs (18 kg)
Suitable stud welding gun	A 12, welding cable length 15.91' (4.8 m) (not possible to extend), (not included in delivery)
Order No	93-66-0650 (Visar 650) 93-40-020 (Ground cable) 93-20-270 (A 12 – Stud welding gun) 93-40-022 (PSC-1 – Ceramic leg assembly) 88-24-466 (Toolbag)