



## 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	<b>93-66-0650 (Visar 650)</b>  <b>93-40-020 (Ground cable)</b> <b>93-20-270 (A 12 – Stud welding gun)</b> <b>93-40-022 (PSC-1 – Ceramic leg assembly)</b> <b>88-24-466 (Toolbag)</b>

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(Technical data may change)