



Inverter-Capacitor Charging Technology

Maximum welding rates
Minimum energy consumption
Minimum weight
Maximum efficiency

Visar 650 – Shielding Gas Version

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	ARC: 14 ga to 5/16" (dia. 2 to 8 mm), #4 to 3/8" (M3 to M10) (Type RD) SC: 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	#4 = 40 studs/min 5/16" = 12 studs/min
Welding current	650 A (max), 25 to 650 A adjustable
Welding time	5 to 200 ms (stepless)
Primary power	120 V, single phase, 60 Hz, 15 amp
Primary plug	2-pin grounded safety plug
Connection 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) without handle
Weight	39.68 lbs
Suitable stud welding gun	A 12, welding cable length 15.91'(not possible to extend)
Order No.	93-66-0652 (Visar 650) 93-40-020 (Ground cable) 93-40-022 (A12 Gun with PSS-1/SC Gas Shroud) 88-24-466 (Toolbag)