

Inverter technology

Outstanding welding quality

Extremely stable arc

### Visar 650



### Visar 650 shielding gas version



- Tough! Single phase inverter (supply voltage range 100 to 240 V)
- Compact, lightweight with high protection class (IP 44)

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M3 to M10 (type RD)  
#4 to 7/16" (type RD)

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Welding process	ARC, SC	ARC, SC
Welding material		
Technology	Inverter	Inverter
Equipment		
Welding with ceramic ferrule	X	X
Welding with shielding gas	--	X
Process control	--	--
Display	--	LCD
Welding range	ARC: M3 to M10 (type RD), dia. 2 to 8 mm / #4 to 7/16" (type RD), dia. 14 ga to 5/16" SC: M3 to M6, dia. 2 to 6 mm / #4 to 1/4", dia. 14 ga to 1/4"	ARC: M3 to M10 (type RD), dia. 2 to 8 mm / #4 to 7/16" (type RD), dia. 14 ga to 5/16" SC: M3 to M6, dia. 2 to 6 mm / #4 to 1/4", dia. 14 ga to 1/4"
Welding rate	M3 / #4 = 40 studs/min M8 / 5/16" = 12 studs/min.	M3 / #4 = 40 studs/min M8 / 5/16" = 12 studs/min
Welding current	650 A (max.)	650 A (max.)
Current adjustment range	100 to 650 A	100 to 650 A
Welding time	5 to 200 ms (stepless)	5 to 200 ms (stepless)
Primary power	100 to 240 V, 1 phase, 50/60 Hz, 16 AT (slow blow)	100 to 240 V, 1 phase, 50/60 Hz, 16 AT (slow blow)
Primary plug	16 A, 2-pin grounded safety plug (plug type F; CEE 7/4)	16 A, 2-pin grounded safety plug (plug type F; CEE 7/4)
Connected load	3 kVA	3 kVA
Cooling type	F (temperature controlled cooling fan)	F (temperature controlled cooling fan)
IP Code	IP 44	IP 44
Dimension LxWxH (without handle)	474 x 337 x 351 mm / 18.66" x 13.27" x 13.82"	474 x 337 x 351 mm / 18.66" x 13.27" x 13.82"
Weight	18 kg / 39.68 lbs	18 kg / 39.68 lbs
Suitable guns	A 12, A 12-FL (welding cable not possible to extend)	A 12, A 12-FL (welding cable not possible to extend)



#### Order No.

**93-60-0650** (Plug E+F; Europe + China),  
**93-66-0650** (Plug B; USA, Kanada + China)

**93-40-020** (Ground cable, 5 m, 25 mm<sup>2</sup>,  
2 vice grips 10")

**88-24-466** (Toolbag)  
(accessories and welding gun not included)



#### Order No.

**93-60-0652** (plug E+F; Europe + China, available  
from 2018)

**93-40-020** (Ground cable, 5 m, 25 mm<sup>2</sup>,  
2 vice grips 10")

**88-24-466** (Toolbag)  
(accessories and welding gun not included)



#### Legend

Welding process: ARC = Drawn arc stud welding, SC = Short cycle stud welding

Mild steel Stainless steel Aluminium