

# Technical Data

## Systems for drawn arc

- Compact lightweight unit with power
- Excellent welding results
- Extremely wide current adjustment range

### Visar 1200



- All-rounder for workshops and construction sites – whether with shielding gas or with ceramic ferrule
- Compact lightweight unit with power: **1200 A but just 20.5 kg**
- Extremely wide current setting range** from 25 to 1200 A
- USB port** for saving and loading welding programs
- Comprehensive **customer-specific setting options** as well as **detailed process optimisation and control**

M3 to M16  
#4 to 5/8"



Welding process	ARC, SC			
Welding material	 			
Technology	Inverter			
Equipment	Welding with ceramic ferrule X Welding with shielding gas X Process control X			
Display	Digital			
Welding range	M3 to M16, dia. 2 to 16 mm / #4 to 5/8", dia. 1/4 to 9/16"			
Welding rate (Duty cycle *)	25 °C	100 %	50 %	35 %
	F [studs/min]	11	16	21
	t [ms]	600	600	600
	I <sub>2</sub> [A]	1200	1200	1200
	U <sub>2</sub> [V]	30	30	30
<small>* The term "duty cycle" refers to the ratio of welding duration to work pause of a stud welding unit. It describes the uninterrupted operating time of a unit over a period of 10 minutes. The largest possible studs are used in the test.          100 % duty cycle = 10 min. of continuous welding, no shutdown due to overtemperature.          50 % duty cycle = 5 min. of welding followed by 5 min. pause.          35 % duty cycle = 3.5 min. of welding followed by 6.5 min. pause.</small>				
Welding current	1200 A (max.) at 50 V			
Current adjustment range	25 to 1200 A (stepless)			
Welding time	5 to 1500 ms (stepless)			
Primary power	200 to 600 V, 3 phases, 50/60 Hz			
Cooling type	F (temperature controlled cooling fan)			
IP Code	IP 43			
Dimension LxWxH (without handle)	472.5 x 355 x 358 mm / 18.60" x 13.98" x 14.09"			
Weight	20.5 kg / 45 lbs			
Suitable guns	A 12, A 12-FL, A 16			

#### Order No.

93-60-0120 (Europe + China) (expected to be available from 01/2020)

93-66-0120 (USA, Canada + China) (expected to be available from 01/2020)

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

88-24-466 (Toolbag)  
(Accessories and welding gun are not included)



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

 Mild steel  Stainless steel