

Power Source CC/CV Inverter S 1000i



S 1000 i - CC/CV

Main Applications

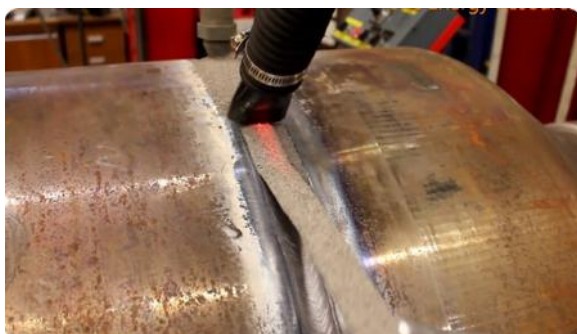
- Shipyards
- Steel Structure
- Chemical and process industry

Advantageous

- Welding quality is much better than the traditional thyristor submerged arc welding equipments.
- CC/CV arc characteristics combined with two adaptive feeding modes (Stick and SAW), delivers excellent welding performance, meeting the different requirements of various SAW processes.
- Automatic compensation for mains fluctuations with $\pm 15\%$.
- Capable of operating with up to 50m long welding cable.
- Highly efficient soft switching IGBT technology. IGBT and MCU technology.
- PWM control technology provides optimal constant output current and superior dynamic characteristics, and assures the consistency of the weld penetration and width even for a long welding bead.
- Digital display control cabinet is the combination of striking design and convenient operation.

Specifications

Rated output current	1.000 A
Rated output	100 A / 24 V ~ 1.000 A / 44 V
Duty cycle	100 %
Max. open circuit voltage	93 V
Welding current adjustment	Stepless
Suitable for	SAW Gouging SMAW = MMA
Input phase	3 Phase
Input power	380 V at $\pm 15\%$
Frequency	50 / 60 Hz
Rated input current	85 A
Rated input	52.7 KVA
Power factor	0.90
Index protection	IP 21
Weight	115 Kg
Dimension (L x W x H)	900 x 460 x 810 mm



Item Code	Item Name	MoQ
101.18.001	Power Source CC/CV Inverter - S 1000 i	1 Set
	• Ground Cable at 5 m, 2 set	

Optional Accessories for SAW

101.18.002	SAW - Tractor 1000	1 Unit
208.03.002	Plug to Electrode Holder 600 A, 70 mm ² at 10 m	1 Set

Optional Accessories for Gouging

201.27.003	Gouging Torch G4 - 1000 A - 2.1 m / 7 feet	1 Set
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Optional Accessories for SMAW / MMA

208.03.005	Plug to Electrode Holder 400 A, 50 mm ² at 5 m	1 Set
208.03.006	Plug to Electrode Holder 400 A, 50 mm ² at 10 m	1 Set
208.03.007	Plug to Electrode Holder 400 A, 50 mm ² at 20 m	1 Set
208.03.008	Plug to Electrode Holder 400 A, 50 mm ² at 25 m	1 Set
208.03.001	Plug to Electrode Holder 400 A, 70 mm ² at 5 m	1 Set
208.03.002	Plug to Electrode Holder 400 A, 70 mm ² at 10 m	1 Set
208.03.003	Plug to Electrode Holder 400 A, 70 mm ² at 20 m	1 Set
208.04.007	Plug to Ground Clamp 600 A, 50 mm ² at 5 m	1 Set
208.04.008	Plug to Ground Clamp 600 A, 50 mm ² at 10 m	1 Set
208.04.004	Plug to Ground Clamp 600 A, 70 mm ² at 5 m	1 Set
208.04.005	Plug to Ground Clamp 600 A, 70 mm ² at 10 m	1 Set
208.04.006	Plug to Ground Clamp 600 A, 70 mm ² at 15 m	1 Set

General Accessories

201.22.009	Welding Helmet - Solarmatic Blue	1 Set
201.22.010	Welding Helmet - Solarmatic Red	1 Set
201.22.011	Welding Helmet - Solarmatic Green	1 Set