

POWERPLUS™ 1000HD

NEW!

Submerged Arc Power Source

POWERPLUS™ 1000HD is designed for constant current and constant voltage Submerged Arc Welding. The welding arc is stable over a wide range of parameters and the output can be precisely controlled. The power source is combined with the Lincoln Electric Rover™ Tractor to create a robust automatic welding package.

POWERPLUS™ 1000HD is rugged and reliable to operate in the harshest welding conditions. It is often used for welding mild steel, low alloy steel, and stainless steel. The POWERPLUS™ 1000HD can also be used by itself for carbon arc gouging. It is used in many industries, such as shipbuilding, wind tower and pressure vessels.



Processes

Submerged Arc, Gouging

Wire Feeder Options

Rover™ Tractor

Required Options

Tractor, Control Cable, Welding Cable, Work Cable with Clamp, Track

Design Features

- The main transformer is built to H grade.
- High reliable SCR Insulation Classification ensures excellent output stability.
- Designed with optimum cooling efficiency.
- Overheating, overcurrent, loss of phase and short circuit protection ensures long-lasting performance.
- Potted PC boards ensure long life in harsh conditions.
- Built to IP23S classification.

Description

Output



Input



Advantage Lincoln

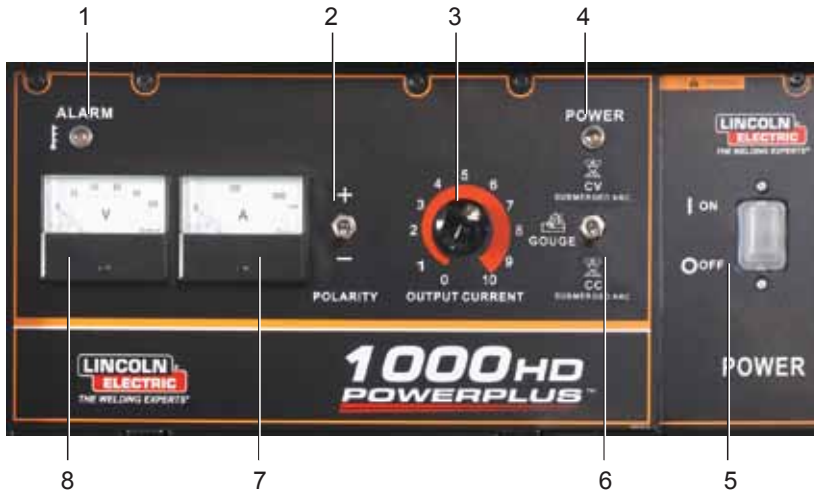
- Precise output control results in a stable arc.
- Ability to preset the current.
- Line voltage compensation maintains consistent welding within $\pm 10\%$ variation.
- 1,000A @ 100% duty cycle with a maximum output capacity of 1,200A.
- 500 amps output terminal enhances low current arc characteristics.
- User-friendly operation panel with analog meters to display current and voltage while welding.
- Can be stacked up to two machines high to save on floor space.

TECHNICAL SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output Current/Voltage /Duty Cycle	Input Power @ Rated Output (KVA)	Output Range	Dimensions H×W×D (mm)	Net Weight (Kg)
POWERPLUS™ 1000HD	K60067-3 *	380-415V (±10%)/ 3Ph/50HZ /60HZ	1,200A/44V@ 60% 1,000A/44V@ 100%	69 @ 100%	200-1,200A	900 x 600 x 970	335

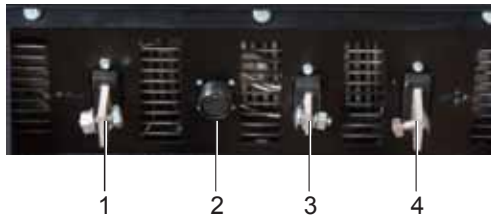
* K60067-3 is for CC/CV output

A CLOSER LOOK



Front Panel

1. Thermal Indicator
2. Polarity Switch
3. Output Control Knob
4. Power On Pilot Light
5. ON/OFF Power Switch
6. Gouge/CC Submerged Arc/ CV Submerged Arc Switch
7. Amp Meter
8. Volt Meter



Output Stud

1. Negative Output Stud
2. Control Cable Connector
3. 500A Output Stud
4. 1000A Output Stud



Back Panel

1. Input Power Connection
2. Input Power Cable Holder Bracket
3. 2A Fuse and Fuse Holder
4. 8A Fuse and Fuse Holder

Customer Assistance Policy

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice, and assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customers particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has not been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to change - This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com.cn for any updated information.

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