Invertec® V275-S

Processes
Stick, TIG, Gouging

Product Number
K2269-1

See back for complete specs

Input Power
208/230/460/575/3/60

Rated Output
275A/31V/35% Duty Cycle

Input Current @ Rated Output
38/37/19/16A

Output Range
5-275 Amps

Weight/Dimensions (H x W x D)
54.5 lbs. (24.7 kg)
13.6 x 9.0 x 20.25 in.
(345 x 229 x 514 mm)

Weather-Resistant Stick and TIG Welder
The Invertec® V275-S stick and TIG power source is ideal for outdoor construction sites—it’s IP23S rated and equipped with weather resistant features. Up to 275 amps of output gives you access to a greater number of stick electrodes, including outstanding E6010 performance.

FEATURES
- Outstanding AWS E6010 and E7018 performance - using up to 7/32 in. (5.5 mm) diameter electrode that enables both whip and drag techniques for a variety of construction and fabrication applications.
- Touch Start TIG® - allows the welding arc to be established without high frequency starting.
- Air carbon arc cutting and gouging - with up to 3/16 in. (4.8 mm) diameter carbon electrode.
- Selectable Hot Start - turn it off for thin material or flip it on for thick, rusty or dirty material.
- Variable Arc Force - dial in the “soft” or “crisp” arc you want.

APPLICATIONS
- Construction
- Fabrication
- Maintenance
- Repair

WHAT’S INCLUDED
K2269-1 Includes:
- Invertec® V275-S

K2666-1 V275-S (Tweco®) 4-Pack Inverter Rack
K2666-2 V275-S (Tweco®) 8-Pack Inverter Rack

For more information, see publication E5.92

THE LINCOLN ELECTRIC COMPANY
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ISO
9001:2000
14001:2004

Lincoln Electric
THE WELDING EXPERTS®

Two Year Extended Warranty Available in the U.S.A. and Canada
KEY CONTROLS
1. Preset Output Amps Control
2. Thermal Protection Indicator
3. “On” Light
4. Hot Start Control
5. On/Off Switch
6. Negative and Positive Output Terminals (Twist Mate™ or Tweco®)
7. Remote Output Control Receptacle - 6-Pin
8. Arc Control Knob
9. Mode Selection Switch (Stick/Touch Start TIG®)
10. Local/Remote Output Control

RECOMMENDED ACCESSORIES

GENERAL OPTIONS
- Caster Kit
  - Used on Inverter Racks.
  - Order K2665-1

- Twist Mate™ Cable Plug
  - For connecting welding cable to output terminal receptacles. For 1/0-2/0 (50-70 mm²) cable.
  - Order K852-70

- Twist Mate™ Cable Plug
  - For connecting welding cable to output terminal receptacles. For 2/0-3/0 (70-95 mm²) cable.
  - Order K852-95

- Twist Mate™ Cable Receptacle
  - For connecting welding cable to Twist Mate™ cable plug. For 1/0-2/0 (50-70 mm²) cable.
  - Order K1759-70

- Twist Mate™ Cable Receptacle
  - For connecting welding cable to Twist Mate™ cable plug. For 2/0-3/0 (70-95 mm²) cable.
  - Order K1759-95

STICK OPTIONS
- Accessory Kit
  - For stick welding. Includes 35 ft. (10.7 m) 2/0 electrode cable with lug, 30 ft. (9.1 m) 2/0 work cable with lugs, headshield, filter plate, cover plate, work clamp and electrode holder. 400 amp capacity.
  - Order K704

- Accessory Kit
  - For stick welding. Includes 20 ft. (6.1 m) #6 electrode cable with lug, 15 ft. (4.6 m) #6 work cable with lugs, headshield, work clamp, and electrode holder. 150 amp capacity.
  - Order K875

- Remote Output Control
  - Consists of a control box with choice of two cable lengths. Permits remote adjustment of output. 6-pin connection.
  - Order K857 for 25 ft. (7.6 m)
  - Order K857-1 for 100 ft. (30 m)

TIG OPTIONS
- 17V Air-Cooled TIG-Mate™ Starter Kit
  - Get everything you need for TIG welding in one complete easy-to-order kit packaged in its own portable carrying case.
  - Includes: PTA-17V Ultra-Flex™ torch, parts kit, Harris flowmeter/regulator, 10 ft. (3.0 m) gas hose, and work clamp and cable.
  - Order K2265-1

- Twist Mate™ Torch Adapter
  - For connection of PTA-9 or PTA-17V torches (1 piece cable) to power sources without gas passing through the Twist Mate™ connection.
  - Order K960-1

- Foot Amptrol™
  - Provides 25 ft. (7.6 m) of remote output control for TIG welding (6-pin plug connection).
  - Order K870

- Hand Amptrol™
  - Provides 25 ft. (7.6 m) of remote current control for TIG welding. (6-pin plug connection). Velcro straps secure torch.
  - Order K963-3 (One size fits all Pro-Torch™ TIG Torches.)

For best welding results with Lincoln Electric equipment, always use Lincoln Electric consumables. Visit www.lincolnelectric.com for more details

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 information or advice about their use of our products. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers’ particular purpose is specifically disclaimed.

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