**Invertec® V275-S**

**Processes**
Stick, TIG, Gouging

**Product Number**
K2269-1

See back for complete specs

<table>
<thead>
<tr>
<th>Input Power</th>
<th>Output Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>208/230/460/575/3/60</td>
<td>5-275 Amps</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rated Output</th>
<th>Weight/Dimensions (H x W x D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>275A/31V/35% Duty Cycle</td>
<td>54.5 lbs. (24.7 kg)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Input Current @ Rated Output</th>
<th>13.6 x 9.0 x 20.25 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>38/37/19/16A</td>
<td>(345 x 229 x 514 mm)</td>
</tr>
</tbody>
</table>

**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
- Input Power Cable, 10 ft. (3.0 m)
- Twist Mate™ Cable Plugs (K852-70), quantity 2

**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

**INPUT**

<table>
<thead>
<tr>
<th>1 PHASE</th>
<th>50 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 PHASE</td>
<td>60 Hz</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OUTPUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC</td>
</tr>
<tr>
<td>DC</td>
</tr>
</tbody>
</table>

Two Year Extended Warranty Available in the U.S.A. and Canada

Shown: K2269-1 Invertec® V275-S

Shown: K2666-2 Invertec® V275-S (Tweco®) 8-Pack Inverter Rack

The Lifting Professionals

Click Here to Request a Quote

THE LINCOLN ELECTRIC COMPANY
22801 St. Clair Avenue • Cleveland, OH 44117-1199 • U.S.A.
PH: +1.216-481-8100 • www.lincolnelectric.com
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 (Tweco® or Tweco®-style)
7. Remote Output Control Receptacle - 6-Pin
8. Arc Control Knob
9. Mode Selection Switch (Stick/Touch Start TIG®)
10. Local/Remote Output Control

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.

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.

The Lincoln Electric Company 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.

Customer Assistance Policy


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 K857-1 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.)

PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Number</th>
<th>Input Power Voltage/Phase/Hertz</th>
<th>Rated Output Current/Voltage/Duty Cycle</th>
<th>Input Current @ Rated Output</th>
<th>Output Range</th>
<th>H x W x D inches (mm)</th>
<th>Net Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Invertec® V275-S</td>
<td>K2269-1</td>
<td>208/230/460/575/3/60</td>
<td>275A/31V/35% 250A/30V/60% 200A/28V/100%</td>
<td>38/37/19/16A 34/33/17/14A 27/25/13/11A</td>
<td>S-275A</td>
<td>13.8 x 9.0 x 20.25 (345 x 229 x 514)</td>
<td>54.5 (24.7)</td>
</tr>
<tr>
<td>Invertec® V275-S (Tweco®)</td>
<td>K2269-3</td>
<td>220/380/400/415/440/3/50</td>
<td>250A/30V/35% 200A/28V/100%</td>
<td>32/20/19/18/17A 25/15/15/14/13A</td>
<td>63/42/40/30/29A</td>
<td>48/32/30/29/27A</td>
<td></td>
</tr>
</tbody>
</table>

With Tweco®-style output connectors. Tweco® is a registered trademark of Thermadyne.