

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)

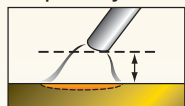
13.6 x 9.0 x 20.25 in.
(345 x 229 x 514 mm)

Weather-Resistant Stick and TIG Welder

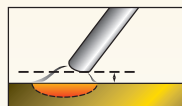
The Invertec® V275-S stick and TIG power source is ideal for outdoor construction sites—it's IP23S rated and equipped with weather resistant features. Up to 275 amps of output gives you access to a greater number of stick electrodes, including outstanding E6010 performance.

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.



Soft Arc



Crisp Arc

- ▶ **All-in-one machine** - 208/220/230/380/400/415/440/460/575 input volt settings—no single phase de-rating.

APPLICATIONS

- ▶ Construction
- ▶ Fabrication
- ▶ Maintenance
- ▶ Repair



Shown:
K2269-1 Invertec® V275-S

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



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

INPUT



OUTPUT



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



Shown:
K2269-3 Inverter® V275-S

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.)

PRODUCT SPECIFICATIONS

| Product Name | Product Number | Input Power Voltage/Phase/Hertz | Rated Output Current/Voltage/Duty Cycle | Input Current @ Rated Output | Output Range | H x W x D inches (mm) | Net Weight lbs. (kg) |
|--|----------------|---------------------------------|--|--|--------------|---|----------------------|
| Inverter® V275-S | K2269-1 | 208/230/460/575/3/60 | 275A/31V/35% 250A/30V/60% 200A/28V/100% | 38/37/19/16A 34/33/17/14A 27/25/13/11A | 5-275A | 13.6 x 9.0 x 20.25 (345 x 229 x 514) | 54.5 (24.7) |
| or | or | 208/230/460/575/1/60 | 275A/29-31V/35% 250A/30V/60% 200A/28V/100% | 68/67/38/31A 63/62/33/27A 49/48/26/21A | | | |
| Inverter® V275-S (Tweco®) ⁽¹⁾ | K2269-3 | 220/380/400/415/440/3/50 | 250A/30V/35% 200A/28V/100 | 32/20/19/18/17A 25/15/15/14/13A | | | |
| | | 220/380/400/415/440/1/50 | | 63/42/40/38/36A 48/32/30/29/27A | | | |

⁽¹⁾ With Tweco®-style output connectors. Tweco® is a registered trademark of Thermadyne.

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

CUSTOMER ASSISTANCE POLICY

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