

# INVERTER RACKS

## COMPACT, RUGGED AND COMPLETE



Shown:  
Flextec® 350X Construction 4-Pack Rack (K3402-1)  
(Expandable to 8-Pack Rack with a Flextec 350X  
4-Pack to 8-Pack Rack Conversion Kit (K3410-1)).

### KEY FEATURES

Lincoln Electric's inverter racks are ideal for field construction where multiple arcs are needed. Benefit from more portability, smaller footprint and a single primary input connection for multiple welders.

#### Processes »

Invertec® V275-S: Stick, TIG, Gouging

Invertec V350-PRO: Stick, TIG, MIG, Flux-Cored, Gouging

Flextec 350X, 500X and 650X: Stick, TIG, MIG, Flux-Cored, Gouging

#### Output »



#### Input »



#### Product Numbers »

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<sup>(1)</sup>Invertec V275-S only <sup>(2)</sup>Flextec racks only

## FEATURES

- **One easy connection** – Allows power sources to be connected with one primary power drop
- **The power sources are factory installed** in the rack and wired to the main power distribution panel
- **Entire system meets National Electrical Code (NEC)** – Compare the best in class rated output and wide amperage range
- **Individual fuses** – Provide overcurrent protection for each power source
- **Two overhead lifting eyes, fork lift slots<sup>(1)</sup>, and heavy duty optional casters** – Provide ease of portability
- **Optional Caster Kit** – Available for Inverter Racks. Order K2665-1
- **Accommodates standard length machine input cables** – Ensures the power sources can be placed in any position on the rack
- **Common disconnect** – Units have a 200 amp, 600 volt, 3 phase disconnect switch (V350 Pro and V275-S units only)
- **Units are IP23 or IP23S Rated** – Depending on model
- **Fold Down fuse panel** – Makes it more convenient to access wiring and change fuses (Flextec models only)
- **Square tube frame construction** – Supports more weight and stands up to rugged job site use

## RACKS

### Flextec Racks



**K3402-1** Flextec 350X Construction 4-Pack Rack

**K3403-1** Flextec 350X Standard 4-Pack Rack

**K4726-1** Flextec 350X PowerConnect® 4-Pack Rack



**K3410-1** Expandable to 8-Pack Rack [shown with Flextec 350X 4-Pack to 8-Pack Rack Conversion Kit [K3410-1]]



**K4466-1** Flextec 500X 4-Pack Rack

**K3510-1** Flextec 650X 4-Pack Rack



**K4277-1** Flextec 350X Construction 6-Pack Rack

**K4281-1** Flextec 350X Standard 6-Pack Rack

**K4727-1** Flextec 350X PowerConnect® 6-Pack Rack

**K4465-1** Flextec 500X 6-Pack Rack

### Inverter Racks



**K2666-1** Inverter V275-S 4-Pack Rack

**K2667-1** Inverter V350-PRO 4-Pack Rack



**K2667-2** Inverter V350-PRO 6-Pack Rack



**K2666-2** Inverter V275-S 8-Pack Rack

<sup>(1)</sup> Fork access configuration varies by rack model

## RECOMMENDED ACCESSORIES

### GENERAL OPTIONS

#### Empty Racks with Distribution Boxes



#### Flextec 350X Empty 4-Pack Rack

Complete rack assembly without welders. Includes 35A fuses.  
**Order K3400-2**

#### Empty Flextec 350X 6-Pack Rack

Includes 35A fuses  
**Order 9SG6929-9**

#### Empty Flextec 500X 4-Pack Rack

Includes 50A fuses  
**Order 9SG6929-6**

#### Empty Flextec 500X 6-Pack Rack

Includes 50A fuses  
**Order 9SG6929-7**

#### Empty Flextec 650X 4-Pack Rack

Includes 60A fuses  
**Order 9SG6929-5**

#### Replacement 35A Fuse for Flextec 350X

3 req'd per machine  
**Order 9SS28499-13**



#### Replacement 50A Fuse for Flextec 500X

3 req'd per machine  
**Order 9SS28499-12**



#### Replacement 60A Fuse for Flextec 650X

3 req'd per machine  
**Order 9SS29404**



#### Replacement 35A Fuse for Invertec V350 PRO

3 req'd per machine  
**Order 9SS25439-15**



#### Flextec 350X 4-Pack to 8-Pack Rack Conversion Kit

Expand the 4-Pack Rack (K3400-1) with or without welders to an 8-Pack Rack.  
**Order K3410-1**



#### Flextec 350X Locking Foot Kit

Required when adding Flextec 350X welders to an empty rack.  
**Order K4424-1**

#### Rack Caster Kit

Add heavy duty casters to any rack.  
**Order K2665-1**

#### Tweco®-Style Plug

Male, 1/0 Thru 2/0  
**Order K3416-70**

#### Tweco-Style Receptacle

Female, 1/0 Thru 2/0  
**Order K3417-70**

#### Tweco-Style Plug

Male, 3/0 Thru 4/0  
**Order K3416-90**

#### Tweco-Style Receptacle

Female, 3/0 Thru 4/0  
**Order K3417-90**

#### Lug to Tweco-Style Receptacle

**Order K2487-1**

## PRODUCT SPECIFICATIONS

Product Name	Product Number	Output Connection	Rack Input Power <sup>(1)</sup>	Rated Output Current/ Voltage/Duty Cycle <sup>(2)</sup>	Rack Input Current @ Rated Output	Output Range (amps)	H x W x D in (mm)	Net Wt. lb (kg)
<b>Flextec 350X Racks</b>								
4-Pack Rack Construction Model (Compact)	K3402-2	Tweco	380/460/575/3/50/60	350A/34V/60% 300A/32V/100%	74/68/68 (4-Pack) 125/113/113 (8-Pack)	5-425A	59.72 x 37.25 x 32.88 (1516 x 946 x 835)	620 (281)
4-Pack Rack Standard Model (Compact)	K3403-2							
4-Pack Rack PowerConnect model (Compact)	K4726-1		200/230/380/460/575/3/50/60		4-Pack: 131/118/68/57/46 8-Pack: 219/197/114/95/77		59.72 x 37.25 x 32.88 (1516 x 952 x 835)	644 (292)
6-Pack Rack Construction Model	K4277-1		380/460/575/3/50/60		100/90/90		71.22 x 48 x 35.5 (1809 x 1219 x 902)	830 (377)
6-Pack Rack Standard Model	K4281-1							
6-Pack Rack PowerConnect Model	K4727-1							
<b>Flextec 500X Racks</b>								
4-Pack Rack	K4466-1	Lug	380/460/575/3/50/60	500A/40V/60% 450A/38V/100%	103/75/61A	5-500A	71.22 x 36 x 35.5 (1809 x 914 x 902)	800 (363)
6-Pack Rack	K4465-1				138/100/81A			1100 (498)
<b>Flextec 650X Racks</b>								
4-Pack Rack	K3510-1	Lug	380/460/575/3/50/60	650A/44V/100% 750A/44V/60%	202/167/103A	10-815	71.22 x 36 x 35.5 (1809 x 914 x 902)	960 (435)
<b>Invertec V275-S Racks</b>								
4-Pack Rack	K2666-1	Tweco	208/230/460/575/3/60	275A/31V/35%	96/89/46/39A	5-275	55.69 x 38.5 x 33.5 (1414 x 978 x 851)	483 (219)
			220/380/400/415/440/3/50	250A/30V/35%	89/53/53/50/46A			
8-Pack Rack	K2666-2		208/230/460/575/3/60	275A/31V/35%	161/149/77/65A			986 (447)
			220/380/400/415/440/3/50	250A/30V/35%	149/89/89/83/77A			
<b>Invertec V350-PRO Racks</b>								
4-Pack Rack	K2667-1	Tweco	208/230/380-415/460/575/ 3/50/60	350A/34V/60%	138/128/78/67/57A	5-425	55.69 x 44.5 x 33.5 (1414 x 1130 x 851)	796 (361)
6-Pack Rack	K2667-2				185/171/104/90/76A			1,039 (471)

<sup>(1)</sup> Fused for 380/460/575/3/50/60 VAC operation. For 230 or 208 VAC operation, primary fuses must be changed.

<sup>(2)</sup> Based on a 10 minute period. Output is for each individual machine.

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