

# DO NOT DISCARD!

## IMPORTANT INSTRUCTIONS FOR THE VARIABLE SPEED DRIVE.

To Change the Speed:

- Follow the instructions for changing parameters to adjust P-20. This will change the speed.

### 7 COMMISSION

#### Operation

##### Managing the Keypad

The drive is configured and its operation monitored via the keypad and display.

	START	When in keypad mode, used to Start a stopped drive or to reverse the direction of rotation if bi-directional keypad mode is enabled.
	UP	Used to increase speed in real-time mode or to increase parameter values in parameter edit mode.

	DOWN	Used to decrease speed in real-time mode or to decrease parameter values in parameter edit mode.
	NAVIGATE	Used to display real-time information, to access and exit parameter edit mode and to store parameter changes.
	RESET / STOP	Used to reset a tripped drive. When in Keypad mode is used to Stop a running drive.

##### Operating Displays

Drive Stopped / Disabled	Drive is enabled / running, display shows the output frequency (Hz)	Press the Navigate key for < 1 second. The display will show the motor current (Amps)	Press the Navigate key for < 1 second. The display will show the motor power (kW)	If P-10 > 0, pressing the Navigate key for < 1 second will display the motor speed (RPM)

##### Changing Parameters

Press and hold the Navigate key > 2 seconds	Use the up and down keys to select the required parameter	Press the Navigate key for < 1 second	Adjust the value using the Up and Down keys	Press for < 1 second to return to the parameter menu	Press for > 2 seconds to return to the operating display

P-20	Preset Frequency / Speed 1	-P-01	P-01	5.0	Hz/RPM
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For the Full Manual:

<https://isource.invertekdrives.com/client-uploads/download-manager/user-guides/E3%20Quick%20Start%20Guide%20A5%20V1.07.pdf>

# ODE-3-110023-101A

Optidrive E3 VFD Datasheet

**0.37 kW (0.5 HP), 2.3 A, 110-115 V, 1-3PH**  
IP66 Outdoor Non-switched Variable  
Frequency Drive



#### Input Ratings

Supply Voltage	110-115 V
Input Phases	1
Supply Current Continuous	7.8 A
Supply Fuse or MCB (Type B)	10 A

#### Output Ratings

Motor Output Rating	0.37 kW (0.5 HP)
Output Voltage	0 – 2 x Supply Voltage
Output Current	2.3 A

#### Cable Information

Max Supply Cable Size	8 mm <sup>2</sup> (0.01 sq in)
Max Motor Cable Size	8 mm <sup>2</sup> (0.01 sq in)
Max Motor Cable Length	100 m (328 ft)

#### Factory Build Options

EMC Filter	No Internal EMC Filter
Brake Transistor	No Internal Brake Transistor
Enclosure	IP66 Outdoor Non-switched
Display	
PCB Coating	

#### Dimensions

Size	1
Height	232 mm (9.13 in)
Width	161 mm (6.34 in)
Depth	152 mm (5.98 in)
Weight	2.3 kg (5.07 lbs)
Fixings	4 x M4

#### Packaged Dimensions

Height	205 mm (8.07 in)
Width	210 mm (8.27 in)
Depth	345 mm (13.58 in)
Weight	2.9 kg (6.39 lbs)

