

# ODV-3-540720-3F12-MN

## Optidrive Eco VFD Datasheet

**37 kW (50 HP), 72 A, 380-480 V, 3PH**  
IP20 Variable Frequency Drive with EMC  
Filter and TFT Display



### Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 380-480 V |
| Input Phases                | 3         |
| Supply Current Continuous   | 58 A      |
| Supply Fuse or MCB (Type B) | 80 A      |

### Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 37 kW (50 HP)      |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 72 A               |

### Cable Information

|                        |                                 |
|------------------------|---------------------------------|
| Max Supply Cable Size  | 35 mm <sup>2</sup> (0.05 sq in) |
| Max Motor Cable Size   | 35 mm <sup>2</sup> (0.05 sq in) |
| Max Motor Cable Length | 100 m (328 ft)                  |

### Factory Build Options

|                  |                     |
|------------------|---------------------|
| EMC Filter       | Internal EMC        |
| Brake Transistor | No Brake Transistor |
| Enclosure        | IP20                |
| Display          | TFT Display         |
| PCB Coating      | Standard            |

### Dimensions

|         |                    |
|---------|--------------------|
| Size    | 5                  |
| Height  | 486 mm (19.13 in)  |
| Width   | 233 mm (9.17 in)   |
| Depth   | 260 mm (10.24 in)  |
| Weight  | 18.1 kg (39.9 lbs) |
| Fixings | 4 x M8             |

### Packaged Dimensions

|        |                     |
|--------|---------------------|
| Height | 356 mm (14.02 in)   |
| Width  | 336 mm (13.23 in)   |
| Depth  | 658 mm (25.91 in)   |
| Weight | 20.1 kg (44.31 lbs) |

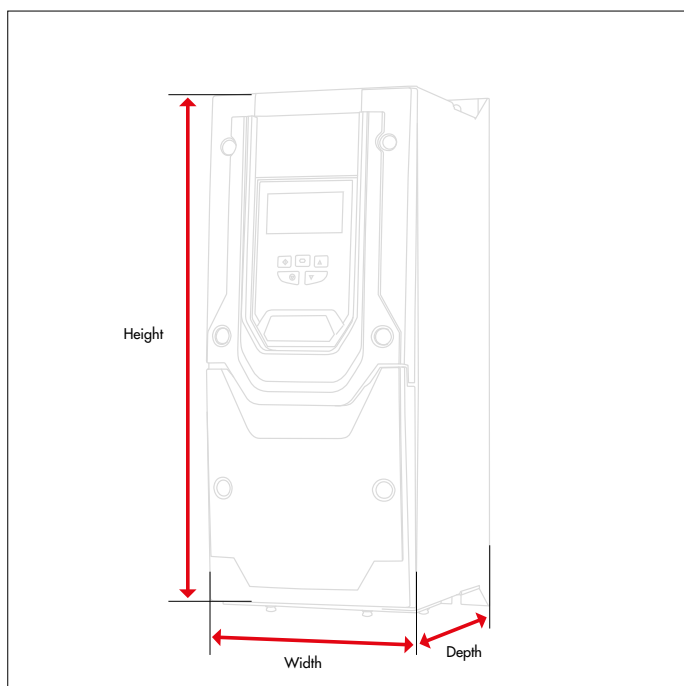


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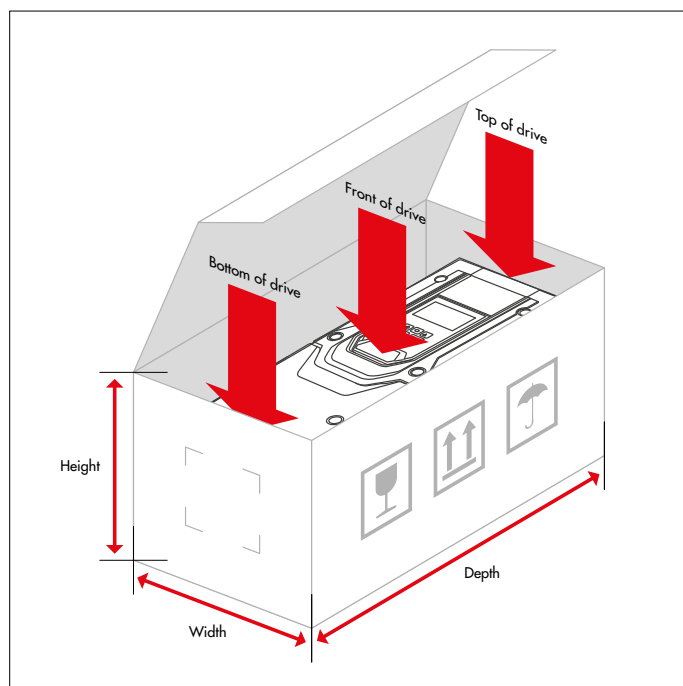
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# How we measure our drives and packaging



Drive Dimensions



Packaging Dimensions



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