

# ODV-3-642020-3F12-MN

## Optidrive Eco VFD Datasheet

**110 kW (175 HP), 202 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   | 189.8 A   |
| Supply Fuse or MCB (Type B) | 250 A     |

### Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 110 kW (175 HP)    |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 202 A              |

### Cable Information

|                        |                                  |
|------------------------|----------------------------------|
| Max Supply Cable Size  | 150 mm <sup>2</sup> (0.23 sq in) |
| Max Motor Cable Size   | 150 mm <sup>2</sup> (0.23 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            |



### Drive Dimensions

|         |                   |
|---------|-------------------|
| Size    | 6B                |
| Height  | 726 mm (28.58 in) |
| Width   | 330 mm (12.99 in) |
| Depth   | 320 mm (12.6 in)  |
| Weight  | 43 kg (94.8 lbs)  |
| Fixings | -                 |

### Packaged Dimensions

|        |                    |
|--------|--------------------|
| Height | 380 mm (14.96 in)  |
| Width  | 375 mm (14.76 in)  |
| Depth  | 785 mm (30.91 in)  |
| Weight | 46 kg (101.41 lbs) |



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