

# ODV-3-843700-3R12-MN

## Optidrive Eco VFD Datasheet

**200 kW (300 HP), 370 A, 380-480 V, 3PH**  
IP20 Variable Frequency Drive with TFT Display



### Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 380-480 V |
| Input Phases                | 3         |
| Supply Current Continuous   | 370 A     |
| Supply Fuse or MCB (Type B) | 500 A     |

### Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 200 kW (300 HP)    |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 370 A              |

### Cable Information

|                        |                                  |
|------------------------|----------------------------------|
| Max Supply Cable Size  | 240 mm <sup>2</sup> (0.37 sq in) |
| Max Motor Cable Size   | 240 mm <sup>2</sup> (0.37 sq in) |
| Max Motor Cable Length | 100 m (328 ft)                   |

### Factory Build Options

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

### Drive Dimensions

|         |                       |
|---------|-----------------------|
| Size    | 8                     |
| Height  | 974 mm (38.35 in)     |
| Width   | 444 mm (17.48 in)     |
| Depth   | 423 mm (16.65 in)     |
| Weight  | 124.5 kg (274.48 lbs) |
| Fixings | 4 x M12               |

### Packaged Dimensions

|        |                     |
|--------|---------------------|
| Height | 660 mm (25.98 in)   |
| Width  | 620 mm (24.41 in)   |
| Depth  | 1020 mm (40.16 in)  |
| Weight | 144 kg (317.47 lbs) |



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