

# ODV-3-641800-3F1N-MN

## Optidrive Eco VFD Datasheet

**90 kW (150 HP), 180 A, 380-480 V, 3PH**  
IP55 Variable Frequency Drive with EMC Filter and TFT Display



### Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	167.4 A
Supply Fuse or MCB (Type B)	250 A

### Output Ratings

Motor Output Rating	90 kW (150 HP)
Output Voltage	0 – Supply Voltage
Output Current	180 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	IP55
Display	TFT Display
PCB Coating	Standard



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<https://www.shc-gmbh.com>

### Drive Dimensions

Size	6
Height	865 mm (34.06 in)
Width	330 mm (12.99 in)
Depth	332 mm (13.07 in)
Weight	55 kg (121.25 lbs)
Fixings	4 x M10

### Packaged Dimensions

Height	980 mm (38.58 in)
Width	450 mm (17.72 in)
Depth	450 mm (17.72 in)
Weight	58 kg (127.87 lbs)

