

# ODV-3-641800-3F12-MN

## Optidrive Eco VFD Datasheet

**90 kW (150 HP), 180 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	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	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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