

# V3 Series Variable Frequency Drive Datasheet

Model: V3-641100-3F1N-T

**75 HP (55 kW), 110 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   | 102.2 A   |
| Supply Fuse or MCB (Type B) | 125 A     |

## Output Ratings

|                     |                     |
|---------------------|---------------------|
| Motor Output Rating | 75 HP (55 kW)       |
| Output Voltage      | 0 to Supply Voltage |
| Output Current      | 110 A               |

## Cable Information

|                        |                                |
|------------------------|--------------------------------|
| Max Supply Cable Size  | 300 MCM (150 mm <sup>2</sup> ) |
| Max Motor Cable Size   | 300 MCM (150 mm <sup>2</sup> ) |
| Max Motor Cable Length | 328 ft (100 m)                 |

## Factory Build Options

|                  |                     |
|------------------|---------------------|
| EMC Filter       | Internal EMC        |
| Brake Transistor | No Brake Transistor |
| Enclosure        | NEMA 12 (IP55)      |
| Display          | TFT Display         |
| PCB Coating      | Standard            |

## Drive Dimensions

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

## Packaged Dimensions

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

Drive color depicted doesn't reflect actual drive color  
Black Outershell - RAL Name: Jet Black | RAL Number: 9005 | Hex Code #0A0A0A  
Gray Door - RAL Name: Traffic White | RAL Number: 9016 | Hex Code #F6F6F6

