

# V3 Series Variable Frequency Drive Datasheet

Model: V3-260021-3012-T

**1 HP (0.75 kW), 2.1 A, 500-600 V, 3PH**  
**IP20 Variable Frequency Drive with TFT Display**

## Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 500-600 V |
| Input Phases                | 3         |
| Supply Current Continuous   | 2.5 A     |
| Supply Fuse or MCB (Type B) | 10 A      |

## Output Ratings

|                     |                     |
|---------------------|---------------------|
| Motor Output Rating | 1 HP (0.75 kW)      |
| Output Voltage      | 0 to Supply Voltage |
| Output Current      | 2.1 A               |

## Cable Information

|                        |                            |
|------------------------|----------------------------|
| Max Supply Cable Size  | 8 AWG (8 mm <sup>2</sup> ) |
| Max Motor Cable Size   | 8 AWG (8 mm <sup>2</sup> ) |
| Max Motor Cable Length | 328 ft (100 m)             |

## Factory Build Options

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

## Drive Dimensions

|         |                   |
|---------|-------------------|
| Size    | 2                 |
| Height  | 8.7 in (221 mm)   |
| Width   | 4.33 in (110 mm)  |
| Depth   | 7.28 in (185 mm)  |
| Weight  | 3.97 lbs (1.8 kg) |
| Fixings | 4 x M4            |

## Packaged Dimensions

|        |                   |
|--------|-------------------|
| Height | 10.43 in (265 mm) |
| Width  | 5.71 in (145 mm)  |
| Depth  | 9.06 in (230 mm)  |
| Weight | 4.19 lbs (1.9 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

