# V3 Series Variable Frequency Drive Datasheet

Model: V3-460340-301A-T

**30 HP (22 kW), 34 A, 500-600 V, 3PH**
**IP66 Non Switched Outdoor Variable Frequency Drive with TFT Display**




## Input Ratings

| | |
|---|---|
| Supply Voltage | 500-600 V |
| Input Phases | 3 |
| Supply Current Continuous | 41.2 A |
| Supply Fuse or MCB (Type B) | 50 A |

## Output Ratings

| | |
|---|---|
| Motor Output Rating | 30 HP (22 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 34 A |

## Cable Information

| | |
|---|---|
| Max Supply Cable Size | 6 AWG (16 mm²) |
| Max Motor Cable Size | 6 AWG (16 mm²) |
| Max Motor Cable Length | 328 ft (100 m) |

## Factory Build Options

| | |
|---|---|
| EMC Filter | No Internal EMC |
| Brake Transistor | No Brake Transistor |
| Enclosure | NEMA 4X (IP66) Non Switched |
| Display | TFT Display |
| PCB Coating | Standard |
| Communication Protocols | BACnet, ModbusRTU, and more* |

## Drive Dimensions

| | |
|---|---|
| Size | 4 |
| Height | 14.17 in (360 mm) |
| Width | 9.45 in (240 mm) |
| Depth | 10.28 in (261 mm) |
| Weight | 20.94 lbs (9.5 kg) |
| Fixings | 4 x M4 |

## Packaged Dimensions

| | |
|---|---|
| Height | 12.8 in (325 mm) |
| Width | 11.61 in (295 mm) |
| Depth | 16.73 in (425 mm) |
| Weight | 25.35 lbs (11.5 kg) |

* Consult factory for additional communication options.

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

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