# V3 Series Variable Frequency Drive Datasheet

Model: V3-843700-3F12-T

**300 HP (200 kW), 370 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 | 370 A |
| Supply Fuse or MCB (Type B) | 500 A |

## Output Ratings

| | |
|---|---|
| Motor Output Rating | 300 HP (200 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 370 A |

## Cable Information

| | |
|---|---|
| Max Supply Cable Size | 500 MCM (240 mm²) |
| Max Motor Cable Size | 500 MCM (240 mm²) |
| Max Motor Cable Length | 328 ft (100 m) |

## Factory Build Options

| | |
|---|---|
| EMC Filter | Internal EMC |
| Brake Transistor | No Brake Transistor |
| Enclosure | IP20 |
| Display | TFT Display |
| PCB Coating | Standard |
| Communication Protocols | BACnet, ModbusRTU, and more* |

## Drive Dimensions

| | |
|---|---|
| Size | 8 |
| Height | 38.35 in (974 mm) |
| Width | 17.48 in (444 mm) |
| Depth | 16.65 in (423 mm) |
| Weight | 274.48 lbs (124.5 kg) |
| Fixings | 4 x M12 |

## Packaged Dimensions

| | |
|---|---|
| Height | 25.98 in (660 mm) |
| Width | 24.41 in (620 mm) |
| Depth | 40.16 in (1020 mm) |
| Weight | 317.47 lbs (144 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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