

V3 Series Variable Frequency Drive Datasheet

Model: V3-641500-3F12-T

100 HP (75 kW), 150 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 | 138.2 A |
| Supply Fuse or MCB (Type B) | 200 A |

Output Ratings

| | |
|---------------------|---------------------|
| Motor Output Rating | 100 HP (75 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 150 A |

Cable Information

| | |
|------------------------|--------------------------------|
| Max Supply Cable Size | 300 MCM (150 mm ²) |
| Max Motor Cable Size | 300 MCM (150 mm ²) |
| 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 |

Drive Dimensions

| | |
|---------|-------------------|
| Size | 6A |
| Height | 24.17 in (614 mm) |
| Width | 11.26 in (286 mm) |
| Depth | 12.6 in (320 mm) |
| Weight | 70.55 lbs (32 kg) |
| Fixings | - |

Packaged Dimensions

| | |
|--------|-------------------|
| Height | 14.96 in (380 mm) |
| Width | 14.76 in (375 mm) |
| Depth | 30.71 in (780 mm) |
| Weight | 77.16 lbs (35 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

