# E3 Series Variable Frequency Drive Datasheet

Model: E3-420300-104A

**10 HP (7.5 kW), 30 A, 200-240 V, 1-3PH**
**IP66 Outdoor Non-switched Variable Frequency Drive**




## Input Ratings

| | |
|---|---|
| Supply Voltage | 200-240 V |
| Input Phases | 1 |
| Supply Current Continuous | 66 A |
| Supply Fuse or MCB (Type B) | 80 A |

## Output Ratings

| | |
|---|---|
| Motor Output Rating | 10 HP (7.5 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 30 A |

## Cable Information

| | |
|---|---|
| Max Supply Cable Size | 2 AWG (35 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 Filter |
| Brake Transistor | Internal Brake Transistor |
| Minimum Brake Resistance | 15 Ω |
| Enclosure | NEMA 4X (IP66) Non Switched |
| Display | LED |
| Communication Protocols | ModbusRTU, CANopen, 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

**Bardac Drives** 40 Log Canoe Circle, Stevensville, MD 21666 USA
Phone (410) 604-3400 Fax (410) 604-3500 www.bardac.com AutomationThings.com