

# P2 Series Variable Frequency Drive Datasheet

Model: P2-62060-3HF4N-T

**60 HP (45 kW), 180 A, 200-240 V, 3PH**

**IP55 Variable Frequency Drive with EMC Filter and TFT Display**

## Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 200-240 V |
| Input Phases                | 3         |
| Supply Current Continuous   | 163.4 A   |
| Supply Fuse or MCB (Type B) | 200 A     |

## Output Ratings

|                     |                     |
|---------------------|---------------------|
| Motor Output Rating | 60 HP (45 kW)       |
| Output Voltage      | 0 to Supply Voltage |
| Output Current      | 180 A               |

## Cable Information

|                        |                                |
|------------------------|--------------------------------|
| Max Supply Cable Size  | 300 MCM (150 mm <sup>2</sup> ) |
| Max Motor Cable Size   | 300 MCM (150 mm <sup>2</sup> ) |
| Max Motor Cable Length | 328 ft (100 m)                 |

## Factory Build Options

|                          |                |
|--------------------------|----------------|
| EMC Filter               | Internal EMC   |
| Brake Transistor         | Internal       |
| Minimum Brake Resistance | 6 Ω            |
| Enclosure                | NEMA 12 (IP55) |
| Display                  | TFT Display    |
| PCB Coating              | Standard       |
| DC Choke                 | Included       |

## Drive Dimensions

|         |                    |
|---------|--------------------|
| Size    | 6                  |
| Height  | 34.06 in (865mm)   |
| Width   | 12.99 in (330mm)   |
| Depth   | 13.07 in (332 mm)  |
| Weight  | 121.25 lbs (55 kg) |
| Fixings | 4 x M10            |

## Packaged Dimensions

|        |                    |
|--------|--------------------|
| Height | 38.58 in (980mm)   |
| Width  | 17.72 in (450mm)   |
| Depth  | 17.72 in (450mm)   |
| Weight | 127.87 lbs (58 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



## Environmental Ratings

|          |                                                                   |
|----------|-------------------------------------------------------------------|
| Humidity | 14 - 104°F (-10 - 40°C)<br>With Derating: 104 - 122°F (40 - 50°C) |
| Altitude | <= 1000m<br>With Derating: <= 4000m                               |