

# P2 Series Variable Frequency Drive Datasheet

Model: P2-36200-3H04A-T

**20 HP (15 kW), 22 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   | 26.7 A    |
| Supply Fuse or MCB (Type B) | 32 A      |

## Output Ratings

|                     |                     |
|---------------------|---------------------|
| Motor Output Rating | 20 HP (15 kW)       |
| Output Voltage      | 0 to Supply Voltage |
| Output Current      | 22 A                |

## Cable Information

|                        |                            |
|------------------------|----------------------------|
| Max Supply Cable Size  | 8 AWG (8 mm <sup>2</sup> ) |
| Max Motor Cable Size   | 8 AWG (8 mm <sup>2</sup> ) |
| Max Motor Cable Length | 328 ft (100 m)             |

## Factory Build Options

|                          |                             |
|--------------------------|-----------------------------|
| EMC Filter               | No Internal EMC             |
| Brake Transistor         | Internal                    |
| Minimum Brake Resistance | 33 Ω                        |
| Enclosure                | NEMA 4X (IP66) Non Switched |
| Display                  | TFT Display                 |
| PCB Coating              | Standard                    |

## Drive Dimensions

|         |                    |
|---------|--------------------|
| Size    | 3                  |
| Height  | 12.2 in (310mm)    |
| Width   | 8.31 in (211mm)    |
| Depth   | 8.86 in (225 mm)   |
| Weight  | 14.55 lbs (6.6 kg) |
| Fixings | 4 x M4             |

## Packaged Dimensions

|        |                    |
|--------|--------------------|
| Height | 12.01 in (305mm)   |
| Width  | 10.63 in (270mm)   |
| Depth  | 17.32 in (440mm)   |
| Weight | 16.76 lbs (7.6 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                               |