

P2 Series Variable Frequency Drive Datasheet

Model: P2-66150-3H04N-T

150 HP (110 kW), 150 A, 500-600 V, 3PH
IP55 Variable Frequency Drive with TFT Display

Input Ratings

| | |
|-----------------------------|-----------|
| Supply Voltage | 500-600 V |
| Input Phases | 3 |
| Supply Current Continuous | 160 A |
| Supply Fuse or MCB (Type B) | 200 A |

Output Ratings

| | |
|---------------------|---------------------|
| Motor Output Rating | 150 HP (110 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 | No Internal EMC |
| Brake Transistor | Internal |
| Minimum Brake Resistance | 8 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) With Derating: 104 - 122°F (40 - 50°C) |
| Altitude | <= 1000m With Derating: <= 4000m |