

# V3 Series Variable Frequency Drive Datasheet

Model: V3-661050-301N-T

**100 HP (75 kW), 105 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	108.2 A
Supply Fuse or MCB (Type B)	125 A

## Output Ratings

Motor Output Rating	100 HP (75 kW)
Output Voltage	0 to Supply Voltage
Output Current	105 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	No Internal EMC
Brake Transistor	No Brake Transistor
Enclosure	NEMA 12 (IP55)
Display	TFT Display
PCB Coating	Standard

## Drive Dimensions

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

## Packaged Dimensions

Height	38.58 in (980 mm)
Width	17.72 in (450 mm)
Depth	17.72 in (450 mm)
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

