

# V3 Series Variable Frequency Drive Datasheet

Model: V3-621800-3F12-T

**60 HP (45 kW), 180 A, 200-240 V, 3PH**  
**IP20 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	No Brake Transistor
Enclosure	IP20
Display	TFT Display
PCB Coating	Standard
Communication Protocols	BACnet, ModbusRTU, and more*

## Drive Dimensions

Size	6B
Height	28.58 in (726 mm)
Width	12.99 in (330 mm)
Depth	12.6 in (320 mm)
Weight	94.8 lbs (43 kg)
Fixings	-

## Packaged Dimensions

Height	14.96 in (380 mm)
Width	14.76 in (375 mm)
Depth	30.91 in (785 mm)
Weight	101.41 lbs (46 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

