

P2 Series Variable Frequency Drive Datasheet

Model: P2-62050-3HF42-T

50 HP (37 kW), 150 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	139.7 A
Supply Fuse or MCB (Type B)	200 A

Output Ratings

Motor Output Rating	50 HP (37 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	Internal EMC
Brake Transistor	Internal
Enclosure	IP20
Display	TFT Display
PCB Coating	Standard

Drive Dimensions

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

Packaged Dimensions

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

Ambient Temperature	14 - 122°F (-10 - 50°C)
Altitude	<= 1000m
	With Derating: <= 4000m