

65 Series Features + Specifications

- Low (12-48Vdc) voltage supply
- Chassis and enclosed models
- Quiet operation - high frequency switching (65E10 & 20)
- Barrier terminal strip
- Adjustable Minimum speed (0-30% of base)
- Adjustable Maximum speed (50-100% of base)
- Adjustable IR Compensation (speed regulation)
- Adjustable Current Limit (to 200% of continuous rating)
- Adjustable Acceleration (0-10 seconds)
- Ships with 5K Ω speed pot kit
- Low power Inhibit circuit for motor start/stop
- 1% base speed regulation over 30:1 speed range
- -10° to +45°C ambient temperature
- Overload capacity: 150% for one minute
- Inhibit circuit—permits low power start & stop
- Current fold-back at 80°C heat sink temp (65E40 & 60)

Model	Width	Length	Depth	Weight
65E10C/ 65E20C	3.62 in [9.19 cm]	4.25 in [10.80 cm]	1.30 in [3.30 cm]	6 oz [170 gm]
65E40/ 65E40-12	3.70 in [9.40 cm]	7.00 in [17.78 cm]	1.70 in [4.32 cm]	13.4 oz [297 gm]
65E60/ 65E60-12	6.70 in [17.02 cm]	9.00 in [22.86 cm]	2.27 in [5.77 cm]	34 oz [962 gm]
65E10E/ 65E20E	5.53 in [14.00 cm]	7.30 in [18.50 cm]	4.78 in [12.10 cm]	40 oz [1.13 kg]

Base Model								Options	
Model	Supply Voltage	Motor Voltage	Current	Power/ Current Limit LED's	Current Limit Shutdown	Current Limit Output	Body	-LED	-UVL
65E10C	12-48 VDC	12-48 VDC	10 ADC	Yes	Yes	Yes	C	F	F
65E10E	12-48 VDC	12-48 VDC	10 ADC	Yes	Yes	Yes	E	STD	F
65E15E-29**	12-24 VDC	12-24 VDC	15 ADC	Yes	Yes	Yes	E	STD	N/A
65E20C	12-48 VDC	12-48 VDC	20 ADC	Yes	Yes	Yes	C	F	F
65E20E	12-48 VDC	12-48 VDC	20 ADC	Yes	Yes	Yes	E	STD	F
65E40-12	12 VDC	12 VDC	40 ADC	No	No	No	C	N/A	N/A
65E40	24-36 VDC	24-36 VDC	40 ADC	No	No	No	C	N/A	N/A
65E60-12	12 VDC	12 VDC	60 ADC	No	No	No	C	N/A	N/A
65E60	24-36 VDC	24-36 VDC	60 ADC	No	No	No	C	N/A	N/A

C – Chassis

E – NEMA 4 enclosed

STD - Standard Feature

F – Option is available as Factory Installed only

N/A – Option Not available

Option Description:

-LED: Chassis model support for driving external customer supplied LED's for Supply Voltage and Current Limit

-UVL: Detects supply voltage dropping below preset value (protects battery deep discharge)

**.: The -29 is a covered mounted FWD/Off/REV switch