

# Low Voltage DC PWM Drives

The 65 Series from Dart are high performance PWM drives for low voltage DC motors. Used many times in applications with battery voltage as the supply the PWM drive saves energy, increasing time between charges plus extends the overall life of the battery. The 65 Series are also used with low voltage power supply (typically 12-24VDC) due to the size of the motor being used.

Available in four continuous current ratings, the 65 Series maximizes power density in a small footprint. In particular, the 65E10 and 65E20 models have been significantly upgraded to further improve their power efficiency and add features frequently needed in portable equipment and solar powered applications. In addition we have introduced a new NEMA 4X enclosed drive rated up to 20A at 48VDC.

Driven by customer feedback, here are some of the new features we have added to selected (10A and 20A) models:

- 12-48 VDC supply voltage range from same drive
- Up to 1000 Watts power handling in a 3.6" x 4.3" footprint
- Up to 60% lower voltage drop across the drive
- High switching frequency for quiet operation
- LED's - Supply Voltage and Current Limit
- Current Limit output
- Current Limit drive shutdown (option)
- Under (supply) Voltage drive shutdown (option)
- NEMA 4X enclosed models

The 65 Series are used in a wide variety of applications including portable equipment, AGV's, portable conveyors, ag equipment, truck mounted spreaders and sprayers, and many more. Call us today to find out more about this and other products from Dart!

## RoHS



*65E60 / 65E40 Series*



*65E10 / 20C Series*



*65E10 / 20E Series  
Enclosed*

