



# OLTOM Boxed PWM3 Card

## Introduction

The BOX-01 product is a fully plug-and-play enabled stepper motor controller with integrated software for two bipolar stepper motors/axes.

The package contains one PWM3 stepper motor controller with screw terminal connections mounted in a sturdy box; and the OLTOM SMCP LE Windows control program.

The card in the box is equivalent to the stand alone PWM3-20 card version. See the PWM3 data sheet for more information.

The winding currents are adjustable between 0.3-1.8 A for each motor, with a motor supply voltage of 24 V.

The software delivered with the card consists of the advanced OLTOM Stepper Motor Control Program Light Edition (SMCP LE), as well as a COM-object driver enabling motor control from most Windows programs.

The included software handles all communication with controller, and the user program does not need to handle any packet communication.

## Key features

- Two separate motor drivers for two windings. Two axes of control.
- USB1.1 and RS232C-compatible serial port for control.
- Built-in serial bus: Up to 5 boxes or cards can be linked to one control computer.
- Full-step or smooth modified half-step operation.
- Programmable winding current 0.3-1.8 A.

- Supply voltage 10-40 V.
- Screw terminal connectors for motor connections.
- COM-driver for easy access to card features from most Windows programs.
- SMCP LE Software use of the card from Windows without programming. Linux x86 DLL provided.

## Ordering Information

Boxed PWM3 Card: BOX-01  
Replacement card: PWM3-20  
Matched 24V, 60W power supply:  
BOX-01-PWR  
USB to RS232 adapter: USB-01

## Contact

For more information, please contact  
OLTOM Engineering  
sales@oltom.com  
+46 46 37 01 19