

Model Number Structure

EL6 - RS 750 P

Series Num		Version	
EL6	EL6 series	P	Full functions without STO
		Z/Blank	Standard version

Command Source		Rated Power			
RS	Modbus RTU / Pulse+Direction	400	400W	750	750W
EC	EtherCAT	1000	1000W	1500	1500W
CAN	CANopen	2000	2000W		

Specifications

Models	Power rating (W)	Rated current (Arms)	Peak current (Arms)	Dimensions (mm)
EL6-RS400P	400	3.5	9.5	40*175*156
EL6-EC400				
EL6-CAN400Z				
EL6-RS750P	750	5.5	16.6	50*175*156
EL6-EC750				
EL6-CAN750Z				
EL6-RS1000P	1000	7.0	18.7	50*175*156
EL6-EC1000				
EL6-CAN1000Z				
EL6-RS1500P	1500	9.5	31.1	80*175*179
EL6-EC1500				
EL6-CAN1500Z				
EL6-RS2000P	2000	12	36	80*175*179
EL6-EC2000				
EL6-CAN2000Z				



Stock Code: 002979



Headquarters China Leadshine Technology Co., Ltd

+86 755 26411692 +86 755 26402718

www.leadshine.com

sales@leadshine.com (Sales)

tech@leadshine.com (Technical Support)

15-20/F, Block B, Nanshan i-Valley, Shuguang Community, Xili Town, Nanshan District, Shenzhen 518055, China

North America Office Leadshine America, Inc.

1-949-608-7270 1-949-638-7298

www.leadshineusa.com

sales@leadshineusa.com (Sales)

support@leadshineusa.com (Technical Support)

26050 Towne Centre Dr. Foothill Ranch, CA 92610 USA



D240111

EL6 Series Economical AC Servo System

Product Introduction

EL6 Series

EL6 Series AC servo drives are cost-effective drives series designed for accurate positioning control which support pulse & direction, Modbus RTU, CANopen and EtherCAT control. They can power up to 2kW AC servo motors and are ideal for many OEM applications. Many advanced features are implemented such as MFC, vibration suppression, Multi - mode filter function, etc.



Applications



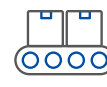
Robotic Arm



Textile



CNC Router

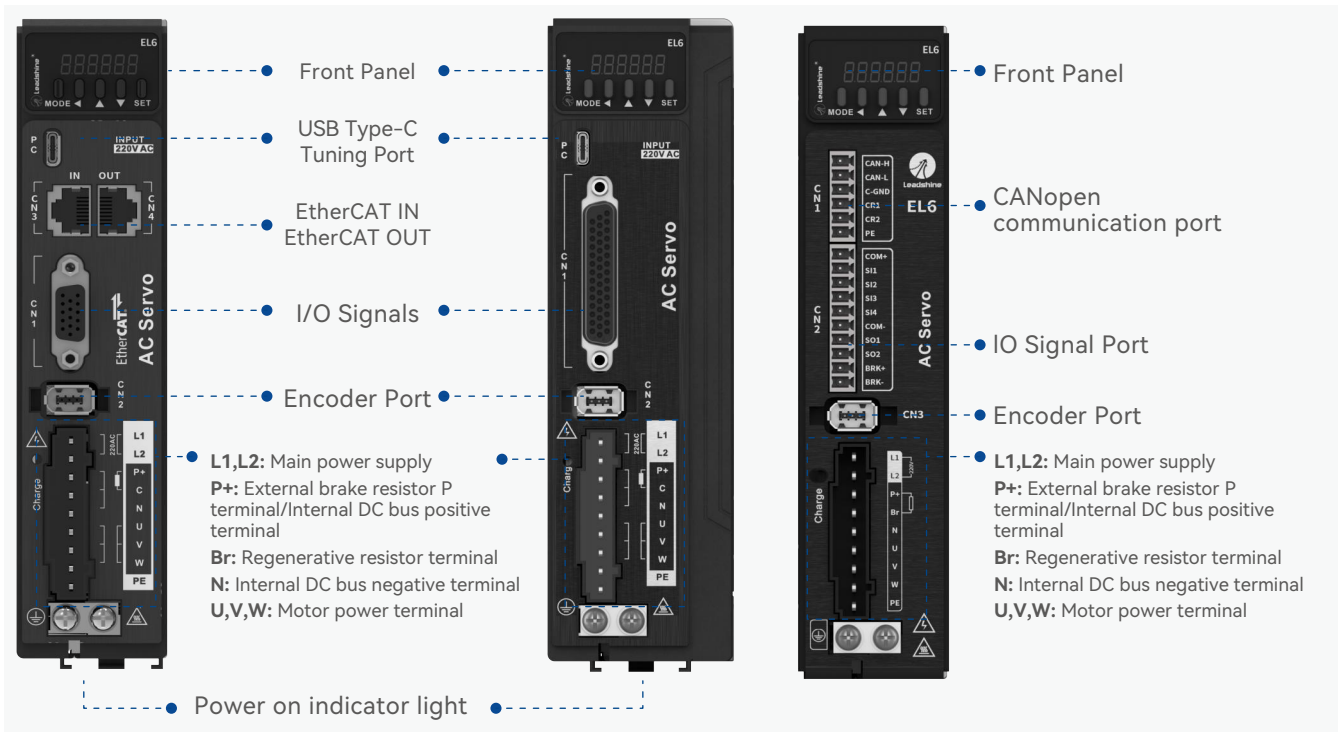


Logistics



Packaging

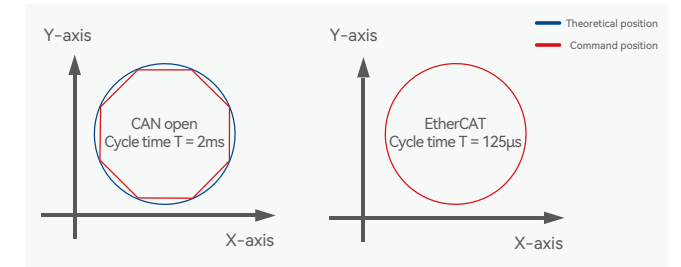
Ports & Connectors



Servo Drive Features

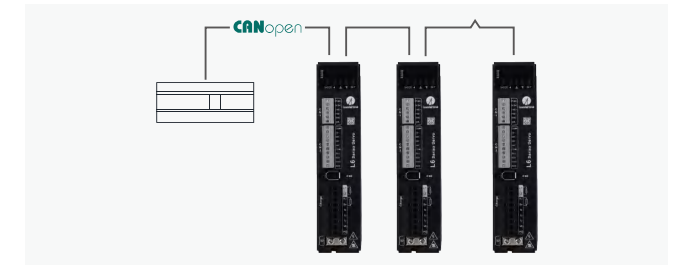
Communication cycles

Communication cycle time as short as 125µs for better position control.



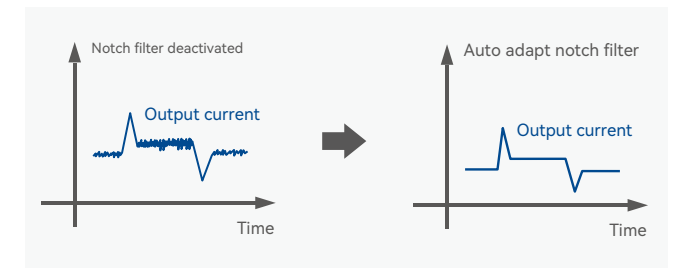
Easier networking between devices

CANopen communication protocol with PDO settings for easier drive setup and 402 observer for drive data monitoring and tuning.



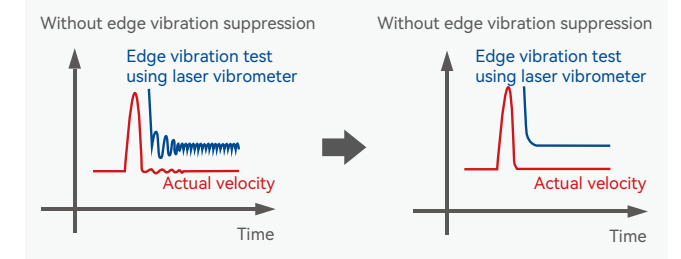
Adaptive Notch Filter

- 4 Adaptive Notch Filter.
- Automatically / Manually Notch Filter Setting.
- Notch Width Selectable.
- Quick setting suppresses mechanical vibration, saving labor cost.



Anti-Vibration Filter

For mechanical equipment with lower stiffness, it is easy to produce low frequency vibration of less than 200Hz, which can be inhibited by mechanical end swing suppression, to realize the high-tempo operation of the equipment.



PR-Mode

EL6-RS series embedded with 16 paths motion which setup internally, combined with position/velocity/homing/Jog/E-Stop/Limit switch.

