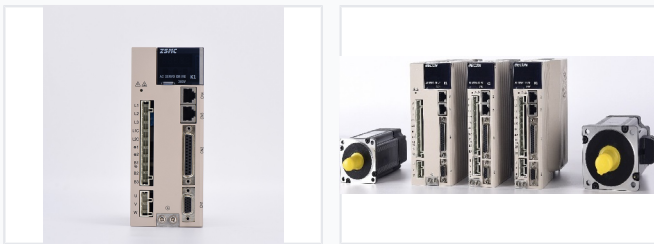


# 750W Pulse Servo Drive for Motion Control

This 750W servo drive provides intelligent and stable performance for motion control. It supports multi-bus communication and offers easy operation with debugging software for parameter setting and monitoring.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Motion Control

This 750W pulse servo drive is engineered for precision motion control, offering robust performance in industrial automation, robotics, and CNC applications. It features advanced intelligence, including automated load inertia determination and mechanical resonance suppression, ensuring stable and reliable operation. With support for multiple control modes and high-speed communication interfaces, it provides versatile connectivity and superior command following performance.

## Performance Specifications

Model	750W	1500W	2250W	3000W	4500W	7500W
Rated power	750W	1500W	2250W	3000W	4500W	7500W
Rated current	15.0A	30.0A	45.0A	60.0A	90.0A	150.0A
Rated torque	1.5Nm	3.0Nm	4.5Nm	6.0Nm	9.0Nm	15.0Nm
Rated speed	3000rpm	3000rpm	3000rpm	3000rpm	3000rpm	3000rpm
Rated voltage	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC
Rated frequency	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
Rated power factor	0.95	0.95	0.95	0.95	0.95	0.95
Rated efficiency	95%	95%	95%	95%	95%	95%
Rated speed ripple	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Rated torque ripple	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
Rated current ripple	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
Rated speed accuracy	±0.05%	±0.05%	±0.05%	±0.05%	±0.05%	±0.05%
Rated torque accuracy	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
Rated current accuracy	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
Rated speed resolution	0.1rpm	0.1rpm	0.1rpm	0.1rpm	0.1rpm	0.1rpm
Rated torque resolution	0.1Nm	0.1Nm	0.1Nm	0.1Nm	0.1Nm	0.1Nm
Rated current resolution	0.1A	0.1A	0.1A	0.1A	0.1A	0.1A
Rated speed control mode	V/F, Torque, Position	V/F, Torque, Position	V/F, Torque, Position	V/F, Torque, Position	V/F, Torque, Position	V/F, Torque, Position
Rated torque control mode	V/F, Torque, Position	V/F, Torque, Position	V/F, Torque, Position	V/F, Torque, Position	V/F, Torque, Position	V/F, Torque, Position
Rated current control mode	V/F, Torque, Position	V/F, Torque, Position	V/F, Torque, Position	V/F, Torque, Position	V/F, Torque, Position	V/F, Torque, Position
Rated speed feedback	Encoder, Resolver	Encoder, Resolver	Encoder, Resolver	Encoder, Resolver	Encoder, Resolver	Encoder, Resolver
Rated torque feedback	Encoder, Resolver	Encoder, Resolver	Encoder, Resolver	Encoder, Resolver	Encoder, Resolver	Encoder, Resolver
Rated current feedback	Encoder, Resolver	Encoder, Resolver	Encoder, Resolver	Encoder, Resolver	Encoder, Resolver	Encoder, Resolver
Rated speed resolution	0.1rpm	0.1rpm	0.1rpm	0.1rpm	0.1rpm	0.1rpm
Rated torque resolution	0.1Nm	0.1Nm	0.1Nm	0.1Nm	0.1Nm	0.1Nm
Rated current resolution	0.1A	0.1A	0.1A	0.1A	0.1A	0.1A

Detailed technical specifications and control modes reference

<b>Rated Power</b>	750 W
<b>Overload Capacity</b>	Max 3 times torque

## Control and Communication

### Control Modes

- Position control
- Speed control
- Torque control
- Inner speed control
- Position/speed control
- Position/torque control
- Speed/torque control
- Speed/zero clamp

### Supported Protocols

CANopen, Modbus

### Pulse Input/Output

Differential input 500K; Open collector 200K; Supports Pulse+Direction, AB orthogonal, and CW+CCW

## Electrical Ratings

### Input Voltage Options

220V AC Single-phase/Three-phase • 380V AC Three-phase

### Rated Current (220V)

**5.5 A**

750W Model Rated Current

## Operating Environment

### Working Temperature

0 to 45°C

### Operating Humidity

20-85% RH (non-condensing)