



RUBY SERIES SERVO DRIVE

Power range of RUBY series low-voltage DC servo is 0-400W; Support EtherCAT control; Support 36 digital inputs, 24 digital outputs, 12 analog inputs; Support incremental encoder, Hall sensor and rotary absolute encoder (Tamagawa).

At the same time, it supports rotary servo motor, DD motor (torque motor), frameless motor, voice coil motor, linear motor, brushless motor, brushed motor, coreless motor, stepping motor, geared motor, etc.

MODEL DEFINITION

S RS 06 - A 010 E A 0 0 0 A

- S: Standard
- Product series: RS: Ruby Standard
- No of axes: 06: 6 axes
- Rated input power voltage: A: DC48V
- Output current: 001: 1A 005: 5A 010: 10A
- Communication way: E: EtherCAT
- STO function: A: without STO(default); S: with STO
- Special function: 0: without special function(default)
- Appearance Structure: 0: default
- Working temperature: 0: 0~50°C 1: -40~50°C 2: -55~50°C
- Encoder feedback: A: incremental encoder, Hall sensor, rotary absolute encoder(Tamagawa)

PRODUCT SPECIFICATION

Product reference		SRS06-A001	SRS06-A005	SRS06-A010
Output Power	Rated power (W)	50	200	400
	Continuous current(A)	1	5	10
	Instantaneous peak current(A)	2.5	12.5	25
	Instantaneous peak current duration (S)	3	3	3
Input voltage	Rated input voltage (VDC)	12-60		
	Maximum input voltage(VDC)	72		
Control method	Bus	EtherCAT		
	Debugging	USB		
Motor feedback	Incremental encoder, Hall sensor, rotary absolute encoder (Tamagawa)			
Digital I/O	Input	isolated 36 channels		
	Output	isolated 24 channels		
Analog	Input	-10V~+10V, 12 channels, 12 bit resolution		
Status Display	Bi-color LED : red, green			
Motor control	Three-loop control of position, speed and current, current loop 50 μs, position/speed loop 200 μs			
Failure protection	Short circuit, overcurrent, overtemperature, overvoltage, undervoltage, overspeed, encoder communication error, etc.			
Size	256mm*100mm*51mm			
Weight	849g			

