

## ASDA-A2 Series High-Performance Motion Control AC Servo Drive

The series is released based on the high-performance standard requirement of motion control in the current industrial control market. It aims to meet the needs of equipment developers and system integrators in precision positioning control. It is definitely your first choice if you want to enter the high level control field.

- ▲ Range of capacity: 0.1kW~7.5kW
- ▲ Input voltage: AC 200V~230V, single-phase/three-phase input or three-phase input is used;
- ▲ Accept grating ruler and encoder signals; support full-closed loop control;
- ▲ The resolution of the incremental rotary encoder is 20-bit, so it is applicable to high-precision
- ▲ Provide high-speed communication network;
- ▲ The extended module can be designed to have multiple functions to meet the need of product
- ▲ Built-in motion control (powerful interior position mode!);
- ▲ The optimal movement path of machines can be set with the electronic cam function. Positions of
- ▲ Built-in synchronization of gate bridge (CNC wire cutting & machine stations for electronics

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Slow wire machine tools, electric spark machine tools, testers, multi-shaft synchronous application,  
Realize full-closed loop control

- ▲ It is built in with the second route of encoder signal interface (cn5) which can be connected with
- ▲ Reduce the clearance of mechanical transmission and influence of flexibility, and ensure precise

Built-in  
electronic  
cam  
function

▲ The cam profile can reach 720 points.

- ▲ The cam curve makes three times of curve smoothing automatically.
- ▲ The ASDA-A2-SOFT software provides the electronic cam (E-CAM) editing function.
- ▲ It can be used in flying shears or flying shear control.

Highly flexible interior position programming mode

- ▲ Provide the interior position editing function, and the operation path can be planned.
- ▲ There are 64 groups of path planning at most, and multi-path continuous operation can be
- ▲ During path operation, the position, speed, acceleration and deceleration time can be changed
- ▲ Four operation modes can be set for each group of paths, including path jumping, parameter
- ▲ A group of fixed paths is the homing mode.

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	BPCS CODE	specification
A2  200w	ASD-A2-0221-B	servo driver, 200W, 220V, <b>BASIC TYPE</b>
	ASD-A2-0221-L	servo driver, 200W, 220V, <b>Full closed-loop TYPE</b>
	ASD-A2-0221-U	servo driver, 200W, 220V, Full closed-loop TYPE with CANOPEN bus & DI extended slot
	ASD-A2-0221-M	servo driver, 200W, 220V, Full closed-loop TYPE with CANOPEN bus
	ECMA-C10602ES	servo motor, 200W, 0.64N.m, 3000r/m,encoder:20 bits, low inertia,without brake,no oil seal , with key-way
	ECMA-C10602PS	servo motor, 200W, 0.64N.m, 3000r/m,encoder:20 bits, low inertia, without brake,no oil seal , with key-way ( screw holes )
	ECMA-C10602FS	servo motor, 200W, 0.64N.m, 3000r/m,encoder:20 bits, low inertia, with brake, with key-way, no oil seal
	ECMA-C10602GS	servo motor, 200W, 0.64N.m, 3000r/m,encoder:20 bits, low inertia,without brake,with oil seal , with key-way
	all connectors	( for Cn1, Cn2, power terminals, without cable )
A2  400W	ASD-A2-0421-B	servo driver, 400W, 220V, <b>BASIC TYPE</b>
	ASD-A2-0421-L	servo driver, 400W, 220V, <b>Full closed-loop TYPE</b>

500W	ASD-A2-0421-U	servo driver, 400W, 220V, Full closed-loop TYPE with CANOPEN bus & DI extended slot
	ASD-A2-0421-M	servo driver, 400W, 220V, Full closed-loop TYPE with CANOPEN bus
	ECMA-C10604ES	servo motor, 400W, 1.27N.m, 3000r/m,encoder:20 bits, low inertia,without brake,no oil seal , with key-way
	ECMA-C10604RS	servo motor, 400W, 1.27N.m, 3000r/m,encoder:20 bits, low inertia, with brake, with key-way, no oil seal
	ECMA-C10604GS	servo motor, 400W, 1.27N.m, 3000r/m,encoder:20 bits, low inertia,without brake,with oil seal , with key-way
	ECMA-E11305ES	servo motor, <b>500W</b> , 2.39N.m, 2000r/m,encoder:20 bits, middle inertia,without brake,no oil seal , with key-way
A2	ASD-A2-0721-B	servo driver, 750W, 220V, <b>BASIC TYPE</b>
750W	ASD-A2-0721-L	servo driver, 750W, 220V, <b>Full closed-loop TYPE</b>
	ASD-A2-0721-U	servo driver, 750W, 220V, Full closed-loop TYPE with CANOPEN bus & DI extended slot
	ASD-A2-0721-M	servo driver, 750W, 220V, Full closed-loop TYPE with CANOPEN bus
	ECMA-C10807ES	servo motor, 750W, 2.39N.m, 3000r/m,encoder:20 bits, low inertia,without brake,no oil seal , with key-way
	ECMA-C10807FS	servo motor, 750W, 2.39N.m,3000r/m,encoder:20 bits, low inertia, with brake, with key-way, no oil seal
	ECMA-C10807HS	servo motor, 750W, 2.39N.m,3000r/m,encoder:20 bits, low inertia,with brake, with key-way & oil seal

	ECMA-C10807GS	servo motor, 750W, 2.39N.m,3000r/m,encoder:20 bits, low inertia,without brake, with key-way & oil seal
A2	ASD-A2-1021-B	servo driver, 1KW, 220V, <b>BASIC TYPE</b>
1.0KW	ASD-A2-1021-L	servo driver, 1KW, 220V, <b>Full closed-loop TYPE</b>
	ASD-A2-1021-U	servo driver, 1KW, 220V, Full closed-loop TYPE with CANOPEN bus & DI extended slot
	ASD-A2-1021-M	servo driver, 1KW, 220V, Full closed-loop TYPE with CANOPEN bus
	ECMA-C10910PS	servo motor, 1KW, 3.18N.m, 3000r/m,encoder:20 bits, low inertia, without brake,no oil seal , with key-way ( screw holes )
	ECMA-C10910RS	servo motor, 1KW, 3.18N.m, 3000r/m,encoder:20 bits, low inertia, without brake,with oil seal , with key-way ( screw holes )
	ECMA-C11010ES	servo motor, 1KW, 3.18N.m, 3000r/m,encoder:20 bits, low inertia,without brake,no oil seal , with key-way
	ECMA-C11010GS	servo motor, 1KW, 3.18N.m, 3000r/m,encoder:20 bits,low inertia,without brake, with key-way & oil seal
	ECMA-C11010FS	servo motor, 1KW, 3.18N.m, 3000r/m,encoder:20 bits,low inertia, with brake, with key-way, no oil seal
	ECMA-E11310ES	servo motor, 1KW, 4.77N.m, 2000r/m,encoder:20 bits,middle inertia,without brake,no oil seal , with key-way
	ECMA-E11310FS	servo motor, 1KW, 4.77N.m, 2000r/m,encoder:20 bits,middle inertia,with brake, with key-way, no oil seal
	ECMA-E11310GS	servo motor, 1KW, 4.77N.m, 2000r/m,encoder:20 bits,middle inertia,without brake, with key-way & oil seal

	ECMA-F11308ES	servo motor, 0.8KW, 4.77N.m, 15000r/m,encoder:20 bits,big inertia,without brake,no oil seal , with key-way
A2	ASD-A2-1521-B	servo driver, 1.5KW, 220V,BASIC TYPE
1.5KW	ASD-A2-1521-L	servo driver, 1.5KW, 220V,Full closed-loop TYPE
	ASD-A2-1521-U	servo driver, 1.5KW, 220V, Full closed-loop TYPE with CANOPEN bus & DI extended slot
	ASD-A2-1521-M	servo driver, 1.5KW, 220V, Full closed-loop TYPE with CANOPEN bus
	ECMA-E11315ES	servo motor, 1.5KW, 7.16N.m, 2000r/m,encoder:20 bits,middle inertia,without brake,no oil seal , with key-way
	ECMA-E11315FS	servo motor, 1.5KW, 7.16N.m, 2000r/m,encoder:20 bits,middle inertia,with brake,with key-way, no oil seal
	ECMA-E11315GS	servo motor, 1.5KW, 7.16N.m, 2000r/m,encoder:20 bits,middle inertia,without brake, with key-way & oil seal
A2	ASD-A2-2023-B	servo driver, 2KW,3AC/220V,BASIC TYPE
2.0KW	ASD-A2-2023-L	servo driver, 2KW, 3AC/220V,Full closed-loop TYPE
	ASD-A2-2023-U	servo driver, 2KW, 3AC/220V, Full closed-loop TYPE with CANOPEN bus & DI extended slot
	ASD-A2-2023-M	servo driver, 2KW, 3AC/220V, Full closed-loop TYPE with CANOPEN bus
	ECMA-C11020ES	servo motor, 2KW, 6.37N.m, 3000r/m,encoder:20 bits,low inertia,without brake,no oil seal , with key-way

	ECMA-E11320AS	servo motor, 2KW, 9.55N.m, 2000r/m,encoder:20 bits,middle inertia,without brake,no oil seal,round shaft
	ECMA-E11320ES	servo motor, 2KW, 9.55N.m, 2000r/m,encoder:20 bits,middle inertia,without brake,no oil seal , with key-way
	ECMA-E11320FS	servo motor, 2KW, 9.55N.m, 2000r/m,encoder:20 bits,middle inertia,with brake,with key-way, no oil seal
	ECMA-E11320GS	servo motor, 2KW, 9.55N.m, 2000r/m,encoder:20 bits,middle inertia,without brake, with key-way & oil seal
	ECMA-E11820ES	servo motor, 2KW, 9.55N.m, 2000r/m,encoder:20 bits,big inertia,without brake,no oil seal , with key-way
	ECMA-E11820PS	servo motor, 2KW, 9.55N.m, 2000r/m,encoder:20 bits,big inertia,without brake,no oil seal , with key-way ( screw holes )
	ECMA-E11820QS	servo motor, 2KW, 9.55N.m, 2000r/m,encoder:20 bits,big inertia,with brake,no oil seal , with key-way ( screw holes )
	ECMA-E11820AS	servo motor, 2KW, 9.55N.m, 2000r/m,encoder:20 bits,big inertia,without brake,no oil seal,round shaft
A2	ASD-A2-3023-B	servo driver, 3KW, <b>3AC/220V</b> , <b>BASIC TYPE</b>
3.0KW	ASD-A2-3023-L	servo driver, 3KW, <b>3AC/220V</b> , <b>Full closed-loop TYPE</b>
	ASD-A2-3023-U	servo driver, 3KW, <b>3AC/220V</b> , Full closed-loop TYPE with CANOPEN bus & DI extended slot
	ASD-A2-3023-M	servo driver, 3KW, <b>3AC/220V</b> , Full closed-loop TYPE with CANOPEN bus
	ECMA-E11830PS	servo motor,3KW, 14.32N.m, 2000r/m,encoder:20 bits,middle inertia,without brake,no oil seal , with key-way ( screw holes )

	ECMA-F11830PS	servo motor, 3KW, 19.1N.m,1500r/m,encoder:20 bits,big inertia,without brake,no oil seal , with key-way ( screw holes )
	ECMA-F11830QS	servo motor, 3KW, 19.1N.m,1500r/m,encoder:20 bits,big inertia,with brake,no oil seal , with key-way ( screw holes )
	ECMA-F11830RS	servo motor, 3KW, 19.1N.m,1500r/m,encoder:20 bits,big inertia, without brake,with oil seal , with key-way ( screw holes )
A2 4.5KW	ASD-A2-4523-B	servo driver,4.5kw, <b>3AC/220V</b> ,BASIC TYPE
A+	ASD-A4523-B	servo driver,4.5kw, <b>3AC/220V</b> ,20 BITS
3.0kw	ECMA-F21830PS	servo motor,3KW, 19.1N.m, 1500r/m,encoder:20 bits,big inertia,without brake,no oil seal , with key-way ( screw holes )
3.5kw	ECMA-F21830QS	servo motor,3KW, 19.1N.m, 1500r/m,encoder:20 bits,big inertia,with brake,no oil seal , with key-way ( screw holes )
4.5kw	ECMA-F21830SS	servo motor,3KW, 19.1N.m, 1500r/m,encoder:20 bits,big inertia,with brake & oil seal,key-way ( screw holes )
	ECMA-F21830CS	servo motor,3KW, 19.1N.m, 1500r/m,encoder:20 bits,big inertia,without brake,with oil seal & round shaft( screw holes )
	ECMA-F21830DS	servo motor,3KW, 19.1N.m, 1500r/m,encoder:20 bits,big inertia,with brake,with oil seal & round shaft( screw holes )
	ECMA-E21835RD	servo motor,3.5KW, 16.71N.m, 1500r/m,encoder:20 bits,big inertia,without brake,with oil seal & key-way ( screw holes )
	ECMA-E21835QS	servo motor,3.5KW, 16.71N.m, 1500r/m,encoder:20 bits,big inertia,with brake,no oil seal , with key-way ( screw holes )
	ECMA-F21845BS	servo motor,4.5KW, 28.65N.m, 1500r/m,encoder:20 bits,big inertia,with brake,without oil seal ,with round shaft( screw holes )



	ECMA-F21845CS	servo motor,4.5KW, 28.65N.m, 1500r/m,encoder:20 bits,big inertia,without brake,with oil seal & round shaft( screw holes )
	ECMA-F21845DS	servo motor,4.5KW, 28.65N.m, 1500r/m,encoder:20 bits,big inertia,with brake,with oil seal & round shaft( screw holes )
	ECMA-F21845PS	servo motor,4.5KW, 28.65N.m, 1500r/m,encoder:20 bits,big inertia,without brake,no oil seal , with key-way ( screw holes )
	ECMA-F21845RS	servo motor,4.5KW, 28.65N.m, 1500r/m,encoder:20 bits,big inertia,without brake,with oil seal & key-way ( screw holes )
	ECMA-F21845SS	servo motor,4.5KW, 28.65N.m, 1500r/m,encoder:20 bits,big inertia,with brake,oil seal & key-way ( screw holes )
A+	ASD-A5523-B	servo driver,5.5kw, <b>3AC/220V</b> ,20 BITS
5.5kw	ECMA-F21855P3	servo motor,5.5KW, 35.01N.m, 1500r/m,encoder:20 bits,big inertia,without brake,no oil seal , with key-way ( screw holes )
	ECMA-F21855C3	servo motor,5.5KW, 35.01N.m, 1500r/m,encoder:20 bits,big inertia,without brake,with oil seal & round shaft( screw holes )
	ECMA-F21855D3	servo motor,5.5KW, 35.01N.m, 1500r/m,encoder:20 bits,big inertia,with brake,with oil seal & round shaft( screw holes )
A+	ASD-A7523-B	servo driver,7.5kw, <b>3AC/220V</b> ,20 BITS
7.5KW	ECMA-F21875P3	