SDW Series BLDC Motor Controllers

SDW series BLDC motor controllers are developed for recreational tricycles, enclosed three-wheelers and cargo tricycles. Equipped with multiple safety protections including low-voltage battery protection, over-current limiting protection, overheat protection and brake power-off protection, the controllers effectively prevent overload damage to batteries and motors.



Item No.	Input voltage	Peak Current	Dimensions
SDW-1KW-6025	60V-72V	250A	225×112×77.5mm
SDW-1.2KW-6028	60V-72V	280A	225×112×77.5mm



Item No.	Input voltage	Peak Current	Dimensions
SDW-1.5KW-6032	60V-72V	320A	194×126×68mm



Item No.	Input voltage	Peak Current	Dimensions
SDW-1.8KW-6040	60V-72V	400A	194×148×68mm

● Accessories



Item No. (power steering)	Input voltage	Max current (2min)[A]	Dimensions
SCZ-6220-2405	24V	45A	131×72×53mm



Item No.	Input voltage	Screen size	Screen type	Communication	Dimensions
SLM-5401	48V-96V	4.3N	LCD	CAN	180×119×38mm



Item No.	Input voltage	Screen size	Screen type	Communication	Dimensions
SLM-803	10V-90V	52*5mm	LED	CAN	Φ56×41mm



Item No.	Input voltage	Screen size	Screen type	Communication	Dimensions
SLM-808	10V-90V	1.44IN	TFT	CAN	Φ56×41mm

ABOUT US

Fuzhou SLIDER Electronic Technology Co., Ltd., founded in 2004, is a high-tech enterprise specializing in R&D, production and sales of new energy drive systems. It is awarded as Fujian Provincial Innovative, Tech-based, SRDI and Leading "Little Giant" Enterprise for Science and Technology.

Certifications: IATF16949 and ISO9001
R&D: Complete R&D platform for EV and forklift drive electrical systems; 5 invention patents, dozens of utility model patents and software copyrights.
Test Facilities: Motor test bench, high-low temperature chamber, vibration tester, EMC immunity tester, salt spray tester, etc.
Products: Full series of medium- and low-voltage controllers for pure electric passenger vehicles, electric forklifts and more.

Adhering to our philosophy "Reliable Quality, Premium Service, Win-Win Cooperation", we supply high-quality products and services for diverse industries, aiming to be a well-known electronic control system supplier worldwide.

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ELECTRIC VEHICLE
ELECTRICAL SYSTEM SUPPLIER

Controller system solutions

SDJ Series AC Controller

SDJ series AC controllers are drivers developed for AC electric vehicles in low voltage.As the drive equipment of high reliability and large torque asynchronous motor, designed with four quadrants vector control method. It can control the motor speed & torque precisely. It is widely used in pure electric passenger car, low-speed AOO class passenger car, electric vehicle, electric sweeper vehicle, electric logistic vehicle.etc.



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SDJ-2KW-4815	48V	150A	170×110×56mm
SDJ-2KW-6015	60V		
SDJ-2KW-7215	72V		
SDJ-2. 5KW-6020*	60V	220A	194×126×65. 6mm

(Marked * as the same product parameter)



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SDJ-3KW-6025	60V	250A	194×126×75mm
SDJ-3KW-7225	72V		



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SDJ-3KW-6030	60V	300A	194×148×126.5mm(With cover)
SDJ-3KW-7230	72V		194×148×75mm



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SDJ-4KW-6033	60V	330A	194×148×93mm
SDJ-4KW-7233	72V		



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SDJ-5KW-6035	60V	350A	196×150×106mm
SDJ-5KW-7235	72V		



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SDJ-7. 5KW-7240	72V	400A	230×185×95mm 230×185×129mm(With over)
SDJ-7. 5KW-9632	96V	320A	
SDJ-7. 5KW-14425	144V	250A	
SDJ-8KW-7245*	72V	400A/450A	180×180×115mm
SDJ-10KW-9635*	96V	300A/350A	

(*indicates the same product parameters, with fan alternative.)



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SDJ-10KW-7250	72V	500A	288×185×99mm
SDJ-10KW-9640	96V	400A	
SDJ-10KW-14433	144V	330A	
SDJ-15KW-9655	96V	550A	
SDJ-15KW-14440	144V	400A	
SDJ-20KW-9660	96V	600A	
SDJ-20KW-14445	144V	450A	
SDJ-25KW-14455	144V	550A	

SCJ Series AC Controller

SCJ series AC controllers are drivers developed for AC electric forklifts in low voltage. As the drive equipment of high reliability and large torque asynchronous motor. Designed with four quadrants vector control method. It can control the motor speed & torque precisely, more powerful climbing ability, stable hill-holding.stronger start-up.It can be widely used in pure electric counter balanced forklift,reach forklift, three fulcrum forklift, pallet truck, AGV,Golf cart,Sight seeing vehicles,etc.



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SCJ-6231E	24V-48V	200/240A	180×140×69mm
SCJ-6231EF*			180×140×98mm*

(* indicates the heat sink model, with fan alternative.)



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SCJ-6232	48V-72V	300/350A	180×140×84mm
SCJ-6232F*	80V	275A	180×140×113mm*

(* indicates the heat sink model, with fan alternative.)



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SCJ-6234	48V-72V	400/450A	180×180×89mm
SCJ-6234F*	80V-96V	300/350/400A	180×180×115mm*

(* indicates the heat sink model, with fan alternative.)



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SCJ-6236	48V-72V	500/550A/600A	230×185×110mm
	80V-96V	400/450/500/550A	



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SCJ-6238	48V-72V	600/650/700A	288×185×99mm
	80V	550/600A	
SCJ-6238H	96V	550/600A	
	144V	400/500/550A	

(The 6238 series is optional with the heat dissipation accessories.)



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SCJ-6234D	48V-72V	300/350A	349×186×84. 5mm
	80V	275/300A	
SCJ-6236D	48V-72V	400/450A	
	80V	350/400A	



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SCP-6231E/6220	24V-80V	200/350A	255×275×162mm



Item No.	Input voltage	Max current (2min)[A]	Dimensions
SCP-6236D	48V-80V	275/450A	360×300×120mm

● All Applications

