

# SUDONG

BRUSHLESS SCREWDRIVER with 2 years warranty

0.01Nm~15Nm



# SUDONG

[www.sudong.eu](http://www.sudong.eu)

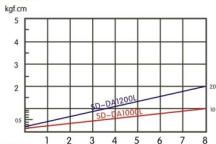
English version

- SD-DA1000L
- SD-DA1200L

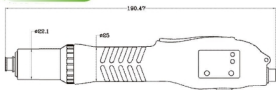


Optionally available

### Torque curve



### Dimensions



### Features

- The world's first variable speed electric screwdriver by free setting from 150(r.p.m.)–1000(r.p.m) with LED speed display and constant torque, which is convenient for a diverse range of precision fastening.
- High-performance low-voltage brushless motor is used and produces no dust, low noise and durability. Maintenance is not necessary, meeting the environmental requirements.
- It is ergonomically designed with small size, light weight, streamline design outer casing and appropriate grip handling.
- The out casing for all kinds of models is made of DuPont anti-static engineering PC material.
- Torque can be adjust as low as 0.1kgf.cm–1.0kgf.cm and 0.15kgf.cm–2.0kgf.cm two models, suitable for high-precision industries, such as mobile phones, watches, optical drivers, IT digital products, etc.

### Technical parameters

MODEL	SD-DA1000L	SD-DA1200L	
Input voltage	DC 30V		
Measuring range	(Kgf.cm)	0.1–1.0	0.15–2.0
	(Lbf.in)	0.09–0.87	0.13–1.74
	(N.m)	0.01–0.1	0.015–0.2
Torque accuracy	±3%		
Torque adjustment	Stepless adjustment		
No load speed (r.p.m)±10%	HI	1000	1000
	LO	150	150
Applicable power adapter	SD-30V40W6P		
Rated power (W)	40		
Diameter of screw	Machine screw	1.0–1.5	1.0–2.0
	Tapping screw	1.0–1.4	1.0–1.7
Weight (g)	200		
Applicable screw bit			

### Accessories

Applicable Power card



SD-6P

Spring Balancer



SD-1

Applicable Power Adapter



SD-30V40W6P

Torque protective sleeve



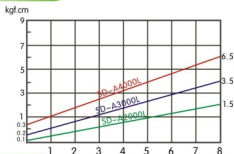
SD-U1 mini

- SD-A2000L
- SD-A3000L
- SD-A4000L

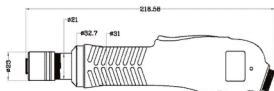


Optionally available

### Torque curve



### Dimensions



### Features

- It is automatic Electric Screwdriver. When the torque is locked, the clutch will automatically trip, the motor power will be automatically off and the electric screwdriver will stop running.
- Brushless Motor is applicable in a dust-free condition. The output torque is highly stable. It is not only a easy-operate equipment but this screwdriver can be operated for a long period.
- It can be easily and efficiently operated in the assembly line with its stable torque and long-term working motors.
- Non-contact switch is used to provide a durable life in which there is no necessity to replace the item often.
- Small size and light weight, low noise, with streamlined design and stable performance, it can be used for a long time without any maintenance.
- Torque adjustment is easy and convenient step-less adjustment by rotating the torque adjustment ring to the left or to the right. Speed can also be adjusted to High (Hi) or Low (Lo).
- High precision of the torque, with step-less torque adjustment, simple operation, it can be generally used for electrical and electronic lightening products, home appliances, toys, computer accessories and other processing and assembling operations.

### Technical parameters

MODEL	SD-A2000L	SD-A3000L	SD-A4000L	
Input voltage	DC 30V			
Measuring range	(Kgf.cm)	0.1-1.5	0.2-3.5	0.3-6.5
	(Lbf.in)	0.87-1.30	0.17-3.04	0.26-5.64
	(N.m)	0.01-0.15	0.02-0.34	0.05-0.69
Torque accuracy	±3			
Torque adjustment	无级调节 Stepless adjustment			
No load speed (r.p.m) ±10%	HI	1000	1000	1000
	LO	650	650	650
Applicable power adapter	SD-30V40W3P			
Rated power (W)	40			
Diameter of screw	Machine screw	1.0-1.7	1.2-2.5	1.4-2.6
	Tapping screw	1.0-1.4	1.2-2.0	1.4-2.3
Weight (g)	330			
Applicable screw driver rack	SD-K1			
Applicable screw bit				

### Accessories

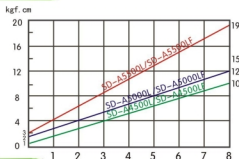


- SD-A4500L
- SD-A4500LF
- SD-A5000L
- SD-A5000LF
- SD-A5500L
- SD-A5500LF

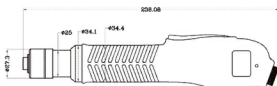


Optionally available

### Torque curve



### Dimensions



### Features

- It is automatic Electric Screwdriver. When the torque is locked, the clutch will automatically trip, the motor power will be automatically off and the electric screwdriver will stop running.
- Brushless aerospace-graded motor is fit for operating in dust-free condition, no carbon pollution, no noise.
- It can be easily and efficiently operated in the assembly line with its stable torque and long-term working motors.
- Non-contact switch is used to provide a durable life in which there is no necessity to replace the item often.
- Small size and light weight, low noise, with streamlined design and stable performance, it can be used for a long time without any maintenance.
- Torque adjustment is easy and convenient step-less adjustment by rotating the torque adjustment ring to the left or to the right. Speed can also be adjusted to High (Hi) or Low (Lo).
- High precision of the torque, with step-less torque adjustment, simple operation, it can be generally used for electrical and electronic lightening products, home appliances, toys, computer accessories and other processing and assembling operations.

### Technical parameters

MODEL	SD-A4500L	SD-A4500LF	SD-A5000L	SD-A5000LF	SD-A5500L	SD-A5500LF
Input voltage	DC 30V				DC 36V	
Measuring Range	(Kgf.cm)	1-10	1-10	2-12	2-12	3-19
	(Lbf.in)	0.87-8.7	0.87-8.7	1.74-10.56	1.74-10.56	2.60-16.49
	(N.m)	0.1-1	0.1-1	0.2-1.18	0.2-1.18	0.29-1.86
Torque accuracy	±3%					
Torque adjustment	Stepless adjustment					
No load speed I <sub>r</sub> p.m.±10%	HI	1000	2000	1000	2000	1000
	LO	650	1300	650	1300	650
Applicable power adapter	SD-30V60W3P				SD-36V200W3P	
Rated power (W)	60				200	
Diameter of screw	Machine screw	1.4-3.0	1.4-3.0	1.6-3.0	1.6-3.0	2.3-3.5
	Taping screw	1.4-2.6	1.4-2.6	1.6-2.6	1.6-2.6	2.3-3.0
Weight (g)	430					
Applicable screw driver rack	SD-K2					
Applicable screw bit						

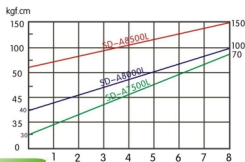
### Accessories



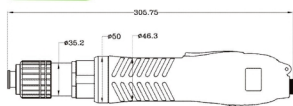




### Torque curve



### Dimensions



### Features

- It is automatic Electric Screwdriver. When the torque is locked, the clutch will automatically trip, the motor power will be automatically off and the electric screwdriver will stop running.
- Non-contact switch is used to provide a durable life in which there is no necessity to replace the item often.
- Torque adjustment is easy and convenient step-less adjustment by rotating the torque adjustment ring to the left or to the right. Speed can also be adjusted to High (Hi) or Low (Lo).
- Brushless aerospace-graded motor is fit for operating in dust-free condition, no carbon pollution, no noise.

### Technical parameters

MODEL	SD-A7500L	SD-A8000L	SD-A8500L	
Input voltage	DC 36V			
Measuring Range	(Kgf.cm)	30-70	40-100	60-150
	(Lbf.in)	26.04-60.76	34.72-86.8	52.08-130.2
	(N.m)	2.94-6.86	3.92-9.8	5.88-14.7
Torque accuracy	±3%			
Torque adjustment	Stepless adjustment			
No load speed Ir.p.m.±10%	HI	500	500	—
	LO	—	—	350
Applicable power adapter	SD-36V200W3P			
Rated power (W)	200			
Diameter of screw	Machine screw	5.0-6.5	6.0-8.0	8.0-10
	Tapping screw	4.5-6.0	5.5-7.0	7.0-8.5
Weight (g)	1185			
Applicable screw bit				

### Accessories

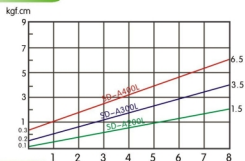


- SD-A200L
- SD-A300L
- SD-A400L

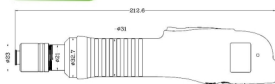


Optionally available

### Torque curve



### Dimensions



### Features

- It is automatic Electric Screwdriver. When the torque is locked, the clutch will automatically trip, the motor power will be automatically off and the electric screwdriver will stop running.
- Brushless aerospace-graded motor is used with long life and durability. Maintenance is not necessary.
- Non-contact switch is used to provide a durable life in which there is no necessity to replace the item often.
- The forward / reverse switch is designed according to ergonomics allowing the one-handed operation.
- Torque adjustment is easy and convenient step-less adjustment by rotating the torque adjustment ring to the left or to the right. Speed can also be adjusted to High (HI) or Low (LO).
- It can be used for laptops, integrated substrates, mobile phones, digital cameras and other products assembly operations.

### Technical parameters

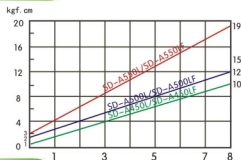
MODEL	SD-A200L	SD-A300L	SD-A400L	
Input voltage	DC 30V			
Measuring range	(Kgf cm)	0.1-1.5	0.2-3.5	0.3-6.5
	(lbf.in)	0.87-1.30	0.17-3.04	0.26-5.64
	(N.m)	0.01-0.15	0.02-0.34	0.05-0.69
Torque accuracy	±3%			
Torque adjustment	Stepless adjustment			
No load speed (r.p.m) ±10%	HI	1000	1000	1000
	LO	650	650	650
Applicable power adapter	SD-30V40W3P			
Rated power (W)	40			
Diameter of screw	Machine screw	1.0-1.7	1.2-2.5	1.4-2.6
	Tapping screw	1.0-1.4	1.2-2.0	1.4-2.3
Weight (g)	330			
Applicable screw driver rack	SD-K1			
Applicable screw bit				

### Accessories

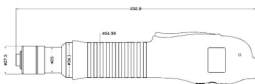




### Torque curve



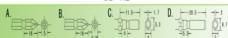
### Dimensions



### Features

- It is automatic Electric Screwdriver. When the torque is locked, the clutch will automatically trip, the motor power will be automatically off and the electric screwdriver will stop running.
- Brushless Motor is applicable in a dust-free condition. The output of torque is highly stable. It is not only a easy-operate equipment but this screwdriver can be operated for a long period.
- Non-contact switch is used to provide a durable life in which there is no necessity to replace the item often.
- It can be easily and efficiently operated in the assembly line with its stable torque and long-term working motors.
- Torque adjustment is easy and convenient step-less adjustment by rotating the torque adjustment ring to the left or to the right. Speed can also be adjusted to High (HI) or Low (LO).
- Small size and light weight, low noise, with streamlined design and stable performance, it can be used for a long time without any maintenance.
- High precision of the torque, with step-less torque adjustment, simple operation, it can be generally used for electrical and electronic lightening products, home appliances, toys, computer accessories and other processing and assembling operations.

### Technical parameters

MODEL	SD-A450L	SD-A450LF	SD-A500L	SD-A500LF	SD-A550L	SD-A550LF
Input voltage	DC 36V					
Measuring Range	(Kgf.cm) 1-10	1-10	2-12	2-12	3-19	3-19
	(lbf.in) 0.87-8.7	0.87-8.7	1.74-10.56	1.74-10.56	2.60-16.49	2.60-16.49
	(N.m) 0.1-1	0.1-1	0.2-1.18	0.2-1.18	0.29-1.86	0.29-1.86
Torque accuracy	±3%					
Torque adjustment	Stepless adjustment					
No load speed Vr.p.m.±10%	HI 1000	2000	1000	2000	1000	2000
	LO 650	1300	650	1300	650	1300
Applicable power adapter	SD-30V60W3P					SD-36V200W3P
Rated power (W)	60					200
Diameter of screw	Machine screw 1.4-3.0	1.4-3.0	1.6-3.0	1.6-3.0	2.3-3.5	2.3-3.5
	Taping screw 1.4-2.6	1.4-2.6	1.6-2.6	1.6-2.6	2.3-3.0	2.3-3.0
Weight (g)	430					
Applicable screw driver rack	SD-K2					
Applicable screw bit						

### Accessories





● SD-A600L

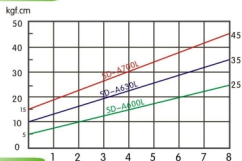
● SD-A630L

● SD-A700L

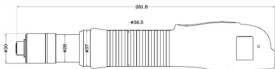


Optionally available

## Torque curve



## Dimensions



## Features

- It is automatic Electric Screwdriver. When the torque is locked, the clutch will automatically trip, the motor power will be automatically off and the electric screwdriver will stop running.
- Brushless Motor is applicable in a dust-free condition. The output torque is highly stable. It is not only a easy-operate equipment but this screwdriver can be operated for a long period.
- Non-contact switch is used to provide a durable life in which there is no necessity to replace the item often.
- It can be easily and efficiently operated in the assembly line with its stable torque and long-term working motors.
- Torque adjustment is easy and convenient step-less adjustment by rotating the torque adjustment ring to the left or to the right. Speed can also be adjusted to High (H) or Low (L).
- Small size and light weight, low noise, with streamlined design and stable performance, it can be used for a long time without any maintenance.

## Technical parameters

MODEL	SD-A600L	SD-A630L	SD-A700L
Input voltage	DC 30V		
(Kgf.cm)	5-25	10-35	15-45
Measuring Range (Lbf.in)	4.34-21.70	8.68-30.38	13.02-39.06
(N.m)	0.5-2.45	0.98-3.43	1.47-4.41
Torque accuracy	±3%		
Torque adjustment	Stepless adjustment		
No load speed (r.p.m) ±10%	HI 1000 LO 650	500 350	500 350
Applicable power adapter	SD-30V60W3P		
Rated power (W)	60		
Diameter of screw	Max/min screw	3.0-5.0	3.5-5.5
	Tapping screw	2.6-4.0	2.6-4.0
Weight (g)	740		
Applicable screw driver rack	SD-K3		
Applicable screw bit			

## Accessories

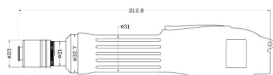
Applicable Power Adapter  ● SD-30V60W3P	90° Adapter  ● SDL-2A
Applicable Power cord  ● SD-3P	Accessory for suction driver  ● SD-Q3
Torque protective sleeve  ● SD-U3	Spring Balancer  ● SD-1
Torque protective sleeve  ● SD-LT3	Electric screwdriver socket  ● SD-K3
Applicable Power Adapter  ● SD-36V200W3P	

- SD-A0235L
- SD-A0365L
- SD-A1010L
- SD-A2015L
- SD-A3019L

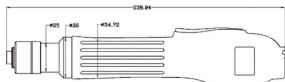


Optionally available

### Dimensions



● SD-A0235L



● SD-A3019L

### Features

- It is automatic Electric Screwdriver. When the torque is locked, the clutch will automatically trip, the motor power will be automatically off and the electric screwdriver will stop running.
- Brushless aerospace-graded motor is used and produces no dust, low noise and durability. Maintenance is not necessary.
- The forward / reverse switch is designed according to ergonomics allowing the one-handed operation.
- Torque adjustment is easy and convenient step-less adjustment by rotating the torque adjustment ring to the left or to the right. Speed can also be adjusted to High (Hi) or Low (Lo).
- The most economical and durable 's best Value models, it is best for general electronics, home appliances, toys and other products assembly operations.
- It can be easily and efficiently operated in the assembly line with its stable torque and long-term working motors.
- Small size, light weight, It is easy to operate for a long time without fatigue and can improve efficiency.

### Technical parameters

MODEL	SD-A0235L	SD-A0365L	SD-A1010L	SD-A2015L	SD-A3019L	
Input voltage	DC 30V					
	0.2-3.5	0.3-6.5	1-10	2-15	3-19	
Measuring Range	(Kgf cm)	0.17-3.04	0.26-5.64	0.87-8.7	1.74-13.02	2.60-16.49
	(Lbf in)	0.02-0.34	0.05-0.69	0.1-1	0.19-1.47	0.29-1.86
	(N.m)					
Torque accuracy	±3%					
Torque adjustment	Stepless adjustment					
No load speed (r.p.m.±10%)	HI	1000	1000	1000	1000	1000
	LO	650	650	650	650	650
Applicable power adapter	SD-30V40W3P					
Rated power (W)	40					
Diameter of screw	Reverse screw	1.2-2.5	1.4-2.6	1.4-3.0	1.6-3.0	2.3-3.5
	Turning screw	1.2-2.0	1.4-2.3	1.4-2.6	1.6-2.6	2.0-3.0
Weight (g)	330		500			
Applicable screw driver rack	SD-K1		SD-K2			
Applicable screw bit						

### Accessories

#### Applicable Power Adapter



● SD-30V40W3P

#### Accessory for suction driver


 ● SD-Q1  
● SD-Q2

#### Electric screwdriver socket


 ● SD-K1  
● SD-K2

#### Spring Balancer



● SD-1

#### Applicable Power Adapter



● SD-30V40W3P

#### 90° Adapter


 ● SDL-1  
● SDL-2

SUDONG



**SUDONG**

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