

CHISUNG INTELLIGENCE TECHNOLOGY CO., LIMITED



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Chisung company is a leader high-tech enterprise in manufacture and selling of security and protection products and service in Shenzhen China.Chisung products series mainly include all kinds of Turnstiles, such as Tripod Turnstile,Full Height Turnstile,Swing Turnstile,Flap Turnstile,Speed Turnstile,Barrier Gate,Packing Lock,Swing Gate Motor/Opener, Sliding Gate Motor/Opener,Swing Door Operator,Sliding Door Operator,Road Blocker,Tyre Killer,GSM Relay Controller.

Products covers a wide range series and models,and can meet many kinds of customers' requirements.Chisung Products passed the CE,FCC and ROHS certification. Chisung apply itself to provide all the customers with constant innovative and high quality products, services and solutions, also provides ODM,OEM service to the related products, in order to create long term and steady customer satisfaction and value for our customers.

Chisung use the DC brushless motor to all the turnstiles and barrier gate for 17years,and our gate motors technology originates from 1991,So far,we have at least 30 years of production experience and more than 30 sets of different gate motor. We have our own molds,production equipment and circuit board equipment. Chisung integrates foreign and Chinese advanced technology and sells to more than 100 countries all over the world,mainly in east and south Asia,Euro,north America and south America,Oceania.

We serve and respond to our global clients all over the world at the same day, and it is worry-free and no distance between us,your wise to trust us!

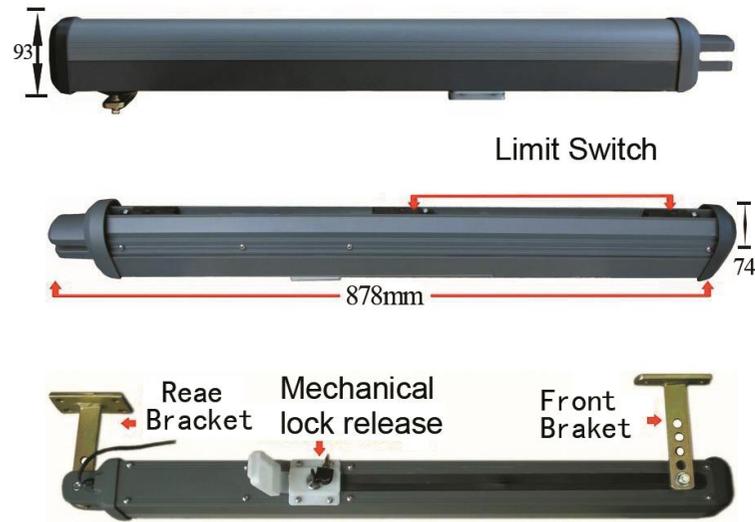
External automations for swing-leaf gates



CSSGO-02	
Max width single leaf: 2.5m	
Max weight single leaf: 250Kg	
Use frequency:30%	
. "OFF axis" thrust operator . Opening and closing mechanical stops included . Horizontal exit for cables to allow near to ground installation(low installation)	
Model	CSSGO-02-DC24V
Power Supply	AC220V±10V 50/60HZ,AC110V±10V, 60Hz
Electric motor	DC 24V
Current	2A
Absorbeb power of motor	28W
Max each leaf length,Max each gate weight	2.5m,250Kg
Shell material	Die-cast aluminum alloy shelland staniess pipe,powder coated
Motor speed	1.6cm/s
Rotational speed	4500RPM/min
Thrust	400N
Running time protection	Adjustable
Rod's max travel	400mm
Auto closing delay time	Adjustable
Gate move speed	12S/90degrees
Operating Temperature	-20°C~+70°C
Relative Humidity	≤95%, No Condensation
Protection class	IP45
Application	home automation
limit switch	with electronic limit switch
Condenser	/
Backup battery/solar energy	Support 2pcs 12V 9ah batteries Series wiring/Solar panel (Optional)
Door opening angle	90°,100°,110°,120°
Motor Dimensions(LxDxH)	878*93*74mm
Packing	19kg, 2 motors in one carton: 950*230*170mm, 1 control panel in one carton: 320*250*190mm, Together 2 cartons

Advantages

Limit switch and rease device	02-type gate opener has a limit switch can be used to adjust the travel to ensure open and close the door in correct place.The release switch , allowing the door can be opened and closed manually in emergency situations.
Safe and reliable home automation system	Durable, European stylish design and functionality, metal parts are galvanized steel,powder coated outer body part to prevent corrosion and rust
Easy installation, no need much space	Embed limit switch easy to install. Fully covered and protected endless drive screw
Electronic protection	Anti-obstacle protection is achieved by control of the CPU-directly controls the driving force to open the door in emergency



External automations for swing-leaf gates



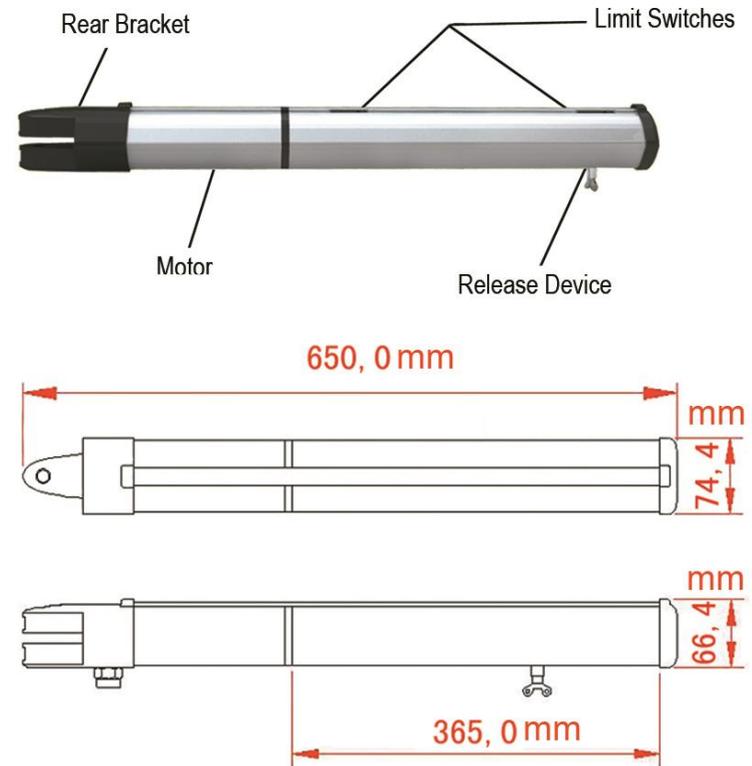
CSSGO-03	
Max width single leaf: 2m	
Max weight single leaf: 200Kg	
Use frequency:30%	
<ul style="list-style-type: none"> .Safe and reliable home automation system .Flexible installation, easy adjustment .Low noise, high reliability, need less space .Reliable quality 	
Model	CSSGO-03-DC24V
Power Supply	AC220V±10V 50/60HZ,AC110V±10V, 60Hz
Electric motor	DC 24V
Current	2A
Shell material	Die-cast aluminum alloy shell and stainless pipe, powder coated finishing
Absorbed power of motor	28W
Max each leaf length	2m
Max each gate weight	200kg
Shell material	Alu cover
Motor speed	1.6 cm/second (.63"/second)
Rotational speed	5000RPM/min
Thrust	350N
Running time protection	Adjustable
Rod's max travel	400mm
Auto closing delay time	programmable (from 0 to 99 seconds)
Gate move speed	12S/90degrees
Operating Temperature	-20°C~+70°C
Relative Humidity	≤95%, No Condensation
Protection class	IP45
Application	home automation
limit switch	without limit switch/ with(option)
Backup battery/solar energy	Support 2pcs 12V 9ah batteries Series wiring/Solar panel(Optional)
Condenser	/
Door opening angle	90°,100°,110°,120°
Motor Dimensions(LxDxH)	650*74.4*66.4mm
Packing	16kg, 2 motors in one carton: 850*230*170mm, 1 control panel in one carton: 320*250*190mm, Together 2 cartons

Advantages

Self locking spindle for maximum stability

Built-in limit switch for easier installation
Smart plug-play control for comfort operation
Standard soft start & soft stop for smooth gate movement

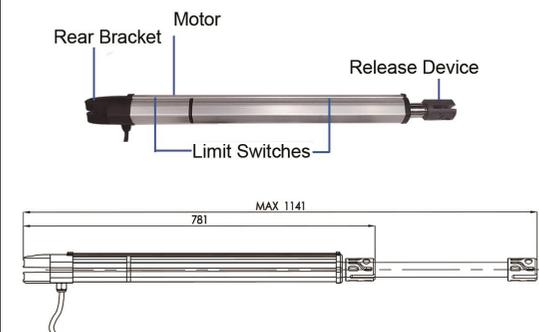
P3



P4

External automations for swing-leaf gates

CSSGO-04	
Max width single leaf:3.5m	
Max weight single leaf: 250Kg	
Use frequency:30%	
.Safe and reliable design .Use safety, structural stability .There are two limit switch inside the fuselage	
Model	CSSGO-04-DC24V
Power Supply	AC220V±10V 50/60HZ,AC110V±10V, 60Hz
Electric motor	DC 24V
Shell material	Alu cover and staniess pipe,Powder coated finishing
Current	2A
Absorbeb power of motor	28W
Max each leaf length	3.5m
Max each gate weight	250kg
Motor speed	1.6 cm/second (.63"/second)
Rotational speed	4000RPM/min
Thrust	40N
Running time protection	Adjustable
Rod's max travel	400mm
Auto closing delay time	programmable (from 0 to 99 seconds)
Gate move speed	12S/90degrees
Operating Temperature	-20°C~+70°C
Relative Humidity	≤95%, No Condensation, IP45
Application	Home automation
limit switch	without limit switch/ with(option)
Backup battery/solar energy	Support 2pcs 12V 9ah batteries Series wiring/Solar panel(Optional)
Door opening angle	90°,100°,110°,120°
Motor Dimensions(LxDxH)	781*74.4*66.4mm
Packing	16kg, 2 motors in one carton: 850*230*170mm, 1 control panel in one carton: 320*250*190mm, Together 2 cartons
ARS AUTOMATIC REVERSE SYSTEM	.Cost-effective, affordable price. .High-quality materials, stainless steel piston .Pipe & aluminum oxide housing Built-in .Adjustable limit switch for easy installation .Delicate design, suitable for installation



External automations for swing-leaf gates

CSSGO-05
 Max width single leaf: 4m
 Max weight single leaf: 500Kg
 Use frequency:30%

Self locking drive

- .Force regulation via control board
- .High torque for heavy and over-size gate
- .Release handle make it easy to manual override
- .Low noise based on High quality material and precise production
- .Customized key for enhanced security



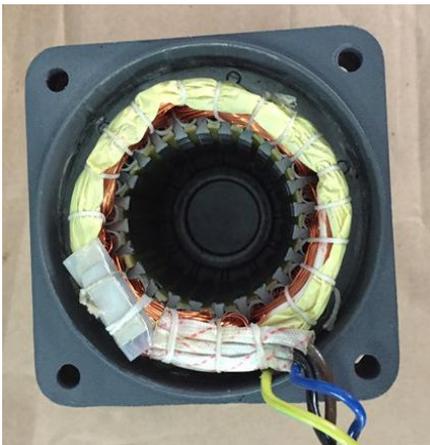
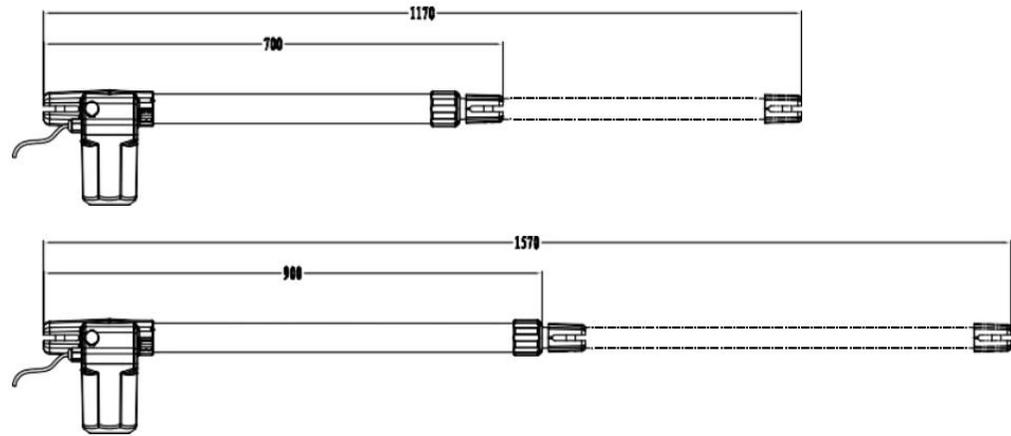
P6

Model	CSSGO-05-1-24V ordinary	CSSGO-05-2-24V extra	CSSGO-05-1-AC ordinary	CSSGO-05-2-AC extra long
Power Supply	AC220V±10V 50/60HZ, AC110V±10V, 60Hz	AC220V±10V 50/60HZ, AC110V±10V, 60Hz	AC220V±10V 50/60HZ, AC110V±10V, 60Hz	AC220V±10V 50/60HZ, AC110V±10V, 60Hz
Electric motor	DC 24V	DC 24V	AC220/110V	AC220/110V
Current	5.2A	5.2A	1.5A	1.5A
Absorbeb power of motor	70W	70W	320W	320W
Max each leaf length	2.5m	3.0m	3.5m	4.0m
Max each gate weight	500kg	500kg	500kg	500kg
Shell material	Die-cast aluminum alloy shell and staniess pipe,powder coated finishing			
Motor speed	1.6cm/s	1.6cm/s	1.6cm/s	1.6cm/s
Rotational speed	1800RPM	1800RPM	1450RPM	1450RPM
Thrust	1800N	1800N	2800N	2800N
Running time protection	Adjustable	Adjustable	Adjustable	Adjustable
Rod's max travel	400mm	600mm	400mm	600mm
Auto closing delay time	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)
Gate move speed	12S/90degrees	12S/90degrees	12S/90degrees	12S/90degrees
Operating Temperature	-20°C~+70°C	-20°C~+70°C	-20°C~+70°C	-20°C~+70°C
Relative Humidity	≤95%, No Condensation	≤95%, No Condensation	30%	30%
Protection class	IP45	IP45	IP45	IP45
Application	home automation	home automation	home automation	home automation
limit switch	No	No	No	No
Condenser	/,Support batteries&Solar pane	/,Support batteries&Solar pane	8F(AC220V),25uf (AC110V)	8F(AC220V),25uf(AC110V)

Door opening angle	90°,100°,110°,120°	90°,100°,110°,120°	90°,100°,110°,120°	90°,100°,110°,120°
Motor Dimensions(LxDxH)	700*90*175mm	900*90*175mm	700*90*175mm	900*90*175mm
Packing	24kg, Together 1 cartons: 830*300*280mm	26kg, Together 1 cartons: 1030*300*280mm	22kg, Together 1 cartons: 830*300*280mm	23kg, Together 1 cartons: 1030*300*280mm



Dimensions



*Thick& iron worm shaft,Bronze Gear,Pure copper coil Housing is aluminum/die casting

External automations for swing-leaf gates

CSSGO-06

Max width single leaf: 4m

Max weight single leaf: 500Kg

Use frequency:30%

Self locking drive

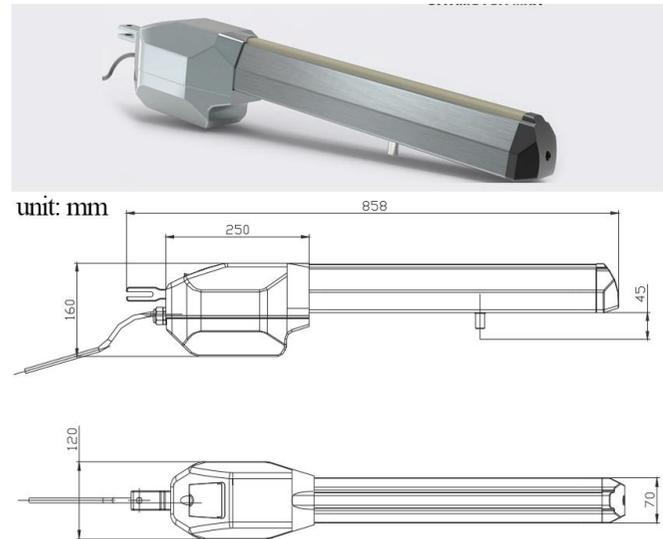
- .Force regulation via control board
- .High torque for heavy and over-size gate
- .Release handle make it easy to manual override
- .Low noise based on High quality material and precise production
- .Customized key for enhanced security



*It can also be used in areas with low temperatures and snowfall.

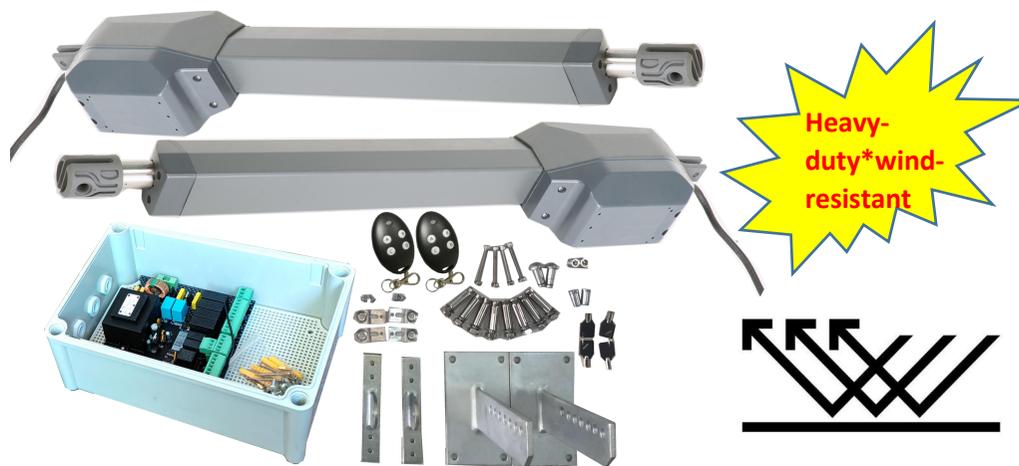
Model	CSSGO-06-400-AC	CSSGO-06-600-AC
Power Supply	AC220V±10V 50/60HZ,AC110V±10V, 60Hz	AC220V±10V 50/60HZ,AC110V±10V, 60Hz
Electric motor	AC220/110V	AC220/110V
Shell material	Die-cast aluminum alloy shell and staniess pipe,powder coated finishing	
Current	1.5A	1.5A
Absorbeb power of motor	220w	220w
Max each leaf length	3m	4.0m
Max each gate weight	500kg	500kg
Motor speed	1.6cm/s	1.6cm/s
Rotational speed	1450RPM/min	1450RPM/min
Thrust	3000N	3000N
Running time protection	Adjustable	Adjustable
Rod's max travel	400mm	600mm
Auto closing delay time	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)
Gate move speed	12S/90degrees	12S/90degrees
Operating Temperature	-20°C~+70°C	-20°C~+70°C
Relative Humidity	≤95%, No Condensation	≤95%, No Condensation
Protection class	IP45	IP45
Application	home automation	home automation
limit switch	with limit switch	with limit switch
Condenser	8F(AC220V),25uf(AC110V)	8F(AC220V),25uf(AC110V)
Door opening angle	90°,100°,110°,120°	90°,100°,110°,120°
Motor Dimensions(LxDxH)	858*160*120mm	1058*160*120mm

Packing	30kg, Together 1 cartons: 930*300*280mm	32kg, Together 1 cartons: 1130*300*280mm
Advantages		
Super powerful	Super strong operator, designed for heavy and oversize gate,	
East to install	Built-in limit switch and capacitor, easy to install	
Low noise	Low noise based on High quality material and precise production	
Wide range of temperature	Can work at -40-50 degrees	



External automations for swing-leaf gates

CSSGO-07
Max width single leaf: 4m
Max weight single leaf: 500Kg
Use frequency:30%
07 is based on improvement from L6, suitable for more wide doors, Divided into com-mon type and lengthened, available in different widths sit flat on the courtyard, in addition, the appearance of color can choose gray, red, based on preferences and other products with a release device, easy to use, suitable for small or medium width door, the biggest single door up to five meters wide, can be used for heavy doors 500KG.

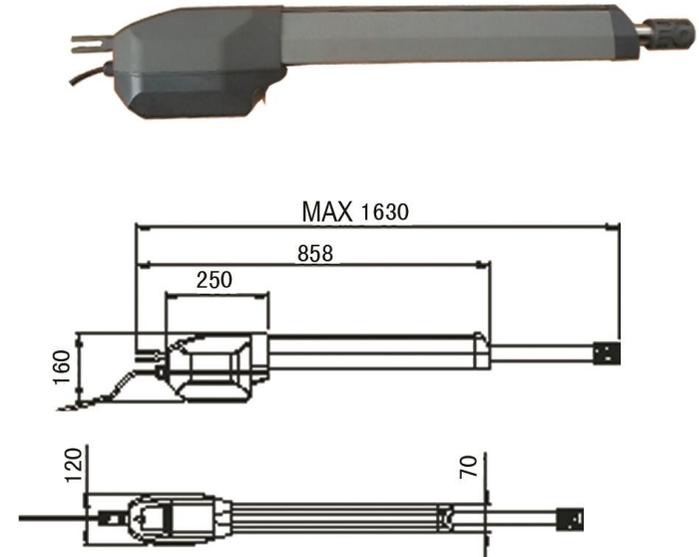


Model	CSSGO-07-400mm-AC	CSSGO-07-600mm-AC
Power Supply	AC220V±10V 50/60HZ, AC110V±10V, 60Hz	AC220V±10V 50/60HZ, AC110V±10V,
Electric motor	AC220/110V	AC220/110V
Shell material	Die-cast aluminum alloy shell and stainless pipe, powder coated finishing	
Current	1.5A	1.5A
Absorbed power of motor	220w	220w
Max each leaf length	4.0m	5m
Max each gate weight	500kg	500kg
Motor speed	1.6cm/s	1.6cm/s
Rotational speed	1450RPM/min	1450RPM/min
Thrust	3000N	3000N
Running time protection	Adjustable	Adjustable
Rod's max travel	400mm	600mm
Auto closing delay time	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)
Gate move speed	12S/90degrees	12S/90degrees
Operating Temperature	-20°C~+70°C	-20°C~+70°C
Relative Humidity	≤95%, No Condensation	≤95%, No Condensation
Protection class	IP45	IP45
Application	home automation	home automation
limit switch	with limit switch	with limit switch

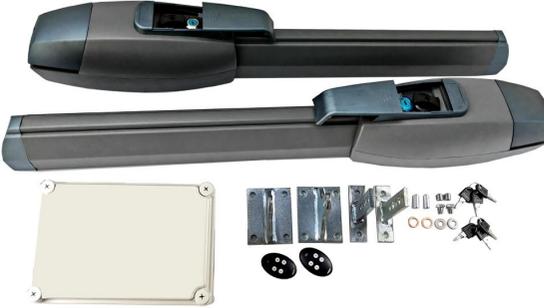
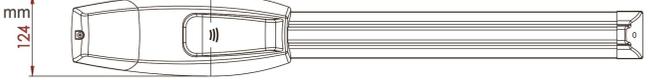
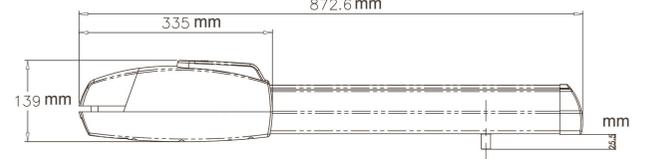
Condenser	8F(AC220V),25uf(AC110V)	8F(AC220V),25uf(AC110V)
Door opening angle	90°,100°,110°,120°	90°,100°,110°,120°
Motor Dimensions(LxDxH)	858*160*120mm	1058*160*120mm
Packing	24kg, Together 1 cartons: 830*300*280mm	26kg, Together 1 cartons: 1130*300*280mm

Advantages

Safe to use, high reliability	Anti-extrusion electronic security protection is installed in the electronic sensing means to ensure the control panel directly driving torque control operation in case of emergency manual operation of the door to release the key
Low noise, easy to use	Mechanical structure closely, electrical motor with high precision base, to ensure that the entire system is running very low noise. L7 is one of our earlier product development and production, has many years of research in reducing noise, after many improvements, quiet and reliable products and in any climate and outdoor temperature at a range of -20°C-50°C can operate reliably



External automations for swing-leaf gates

CSSGO-08		
Max width single leaf: 4m		
Max weight single leaf: 500Kg		
Use frequency:30%		
.Electric limit switch .easy to adjust stroke .Work silent and move smoothly .easy to release in emergency case		

P12

Model	CSSGO-08-1-24V	CSSGO-08-1-AC	CSSGO-08-2-24V	CSSGO-08-2-AC
Power Supply	AC220V±10V 50/60HZ,AC110V±10V, 60Hz		AC220V±10V 50/60HZ,AC110V±10V, 60Hz	
Electric motor	DC24V	AC220/110V	DC24V	AC220/110V
Current	5.2A	1.5A	5.2A	1.5A
Absorbeb power of motor	70w	220w	70w	220w
Max each leaf length	3.5m	3.5m	3.0m	4.0m
Max each gate weight	300kg	500kg	300kg	500kg
Motor speed	1.6cm/s	1.6cm/s	1.6cm/s	1.6cm/s
Rotational speed	1800RPM/min	1450RPM/min	1800RPM/min	1450RPM/min
Thrust	1800N	2800N	1800N	2800N
Running time protection	Adjustable	Adjustable	Adjustable	Adjustable
Rod's max travel	400mm	400mm	600mm	600mm
Shell material	Die-cast aluminum alloy shell and staniess pipe,powder coated finishing			
Auto closing delay time	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)
Gate move speed	12S/90degrees	12S/90degrees	12S/90degrees	12S/90degrees
Operating Temperature	-20°C~+70°C	-20°C~+70°C	-20°C~+70°C	-20°C~+70°C
Relative Humidity	≤95%, No Condensation	≤95%, No Condensation	≤95%, No Condensation	≤95%, No Condensation
Protection class	IP45	IP45	IP45	IP45
Application	home automation	home automation	home automation	home automation
limit switch	with limit switch	with limit switch	with limit switch	with limit switch
Condenser	/	8F(AC220V),25uf(AC110V)	/	8F(AC220V),25uf(AC110V)
Door opening angle	90°,100°,110°,120°	90°,100°,110°,120°	90°,100°,110°,120°	90°,100°,110°,120°
Motor Dimensions(LxDxH)	872.6*124*139mm	872.6*124*139mm	1072.6*124*139mm	1072.6*124*139mm
Packing	26kg, Together 1 cartons: 1030*300*280mm	26kg, Together 1 cartons: 1030*300*280mm	28kg, Together 1 cartons: 1130*300*280mm	26kg, Together 1 cartons: 1130*300*280mm

External automations for swing-leaf gates

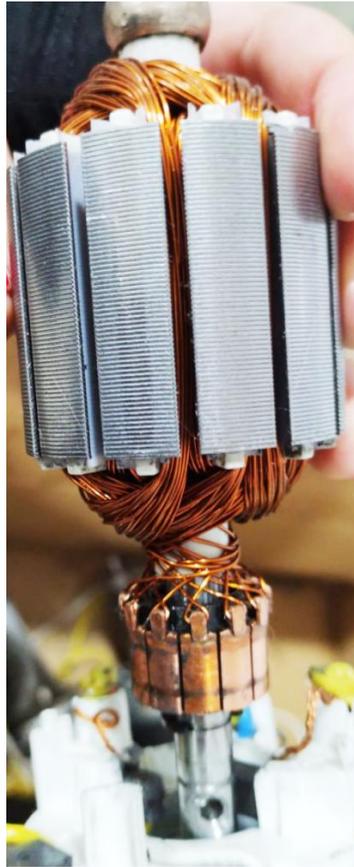
CSSGO-09 Max width single leaf: 4m Max weight single leaf: 500Kg Use frequency:30% ELECTRIC LIMIT SWITCH easy to adjust stroke Work silent and move smoothly easy to release in emergency case				
Model	CSSGO-08-1-24V	CSSGO-08-1-AC	CSSGO-08-2-24V	CSSGO-08-2-AC
Power Supply	AC220V±10V 50/60HZ,AC110V±10V, 60Hz		AC220V±10V 50/60HZ,AC110V±10V, 60Hz	
Electric motor	DC24V	AC220/110V	DC24V	AC220/110V
Current	5.2A	1.5A	5.2A	1.5A
Absorbeb power of motor	70w	220w	70w	220w
Max each leaf length	3.5m	3.5m	3.0m	4.0m
Max each gate weight	300kg	500kg	300kg	500kg
Motor speed	1.6cm/s	1.6cm/s	1.6cm/s	1.6cm/s
Rotational speed	1800RPM/min	1450RPM/min	1800RPM/min	1450RPM/min
Thrust	1800N	2800N	1800N	2800N
Running time protection	Adjustable	Adjustable	Adjustable	Adjustable
Rod's max travel	400mm	400mm	600mm	600mm
Shell material	Die-cast aluminum alloy shell and staniess pipe,powder coated finishing			
Auto closing delay time	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)
Gate move speed	12S/90degrees	12S/90degrees	12S/90degrees	12S/90degrees
Operating Temperature	-20°C~+70°C	-20°C~+70°C	-20°C~+70°C	-20°C~+70°C
Relative Humidity	≤95%, No Condensation	≤95%, No Condensation	≤95%, No Condensation	≤95%, No Condensation
Protection class	IP45	IP45	IP45	IP45
Application	home automation	home automation	home automation	home automation
limit switch	with limit switch	with limit switch	with limit switch	with limit switch
Condenser	/	8F(AC220V),25uf(AC110V)	/	8F(AC220V),25uf(AC110V)
Door opening angle	90°,100°,110°,120°	90°,100°,110°,120°	90°,100°,110°,120°	90°,100°,110°,120°
Motor Dimensions(LxDxH)	950*124*139mm	950*124*139mm	1150*124*139mm	1150*124*139mm
Packing	24kg, Together 1 cartons: 830*300*280mm	24kg, Together 1 cartons: 830*300*280mm	24kg, Together 1 cartons: 830*300*280mm	26kg, Together 1 cartons: 1030*300*280mm

External automations for swing-leaf gates

CSSGO-230K/330K			
Max width single leaf: 4m			
Max weight single leaf: 500Kg			
Use frequency:30%			
<p>.Driven by thread pole. .Auto-shuttering back the door against touching, .Soft start and soft stop. .Can chose one or two gates to open or close. .In the event of a power failure,the clutch can be released and manually opened.</p>			
Model	CSSGO-230K	CSSGO-330K	P14
Power Supply	AC220V±10V 50/60HZ,AC110V±10V,	AC220V±10V 50/60HZ,AC110V±10V, 60Hz	
Electric motor	DC24V,Telescopic arm	DC24V,Electronic limit	
Absorbeb power of motor	100w	100w	
Max each leaf length	3.0m	4.0m	
Max each gate weight	400kg	500kg	
Shell material	Die-cast aluminum alloy shell and staniess pipe		
Opening time	1.6cm/s	1.6cm/s	
Rotational speed	2600RPM/min	2600RPM/min	
Thrust	2500N	2500N	
Running time protection	Adjustable	Adjustable	
Rod's max travel	400mm	400mm	
Auto closing delay time	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)	
Gate move speed	12S/90degrees	12S/90degrees	
Operating Temperature	-20°C~+70°C	-20°C~+70°C	
Relative Humidity	≤95%, No Condensation	≤95%, No Condensation	
Protection class	IP45	IP45	
Application	home automation	home automation	
limit switch	with limit switch	/	
Motor Dimensions(LxDxH)	819*115*106mm	844*115*106mm	
Noise	≤56dB	≤56dB	
Door opening angle	90°,100°,110°,120°	90°,100°,110°,120°	
Motor Dimensions(LxDxH)	26kgs, 950*300*255mm	26kgs, 950*300*255mm	



*Pure copper motor



*Stainless steel pipe



*Thickened lead screw



*Pure copper gear



ARITICULATED ARM AUTOMATIC GATE OPERATORS

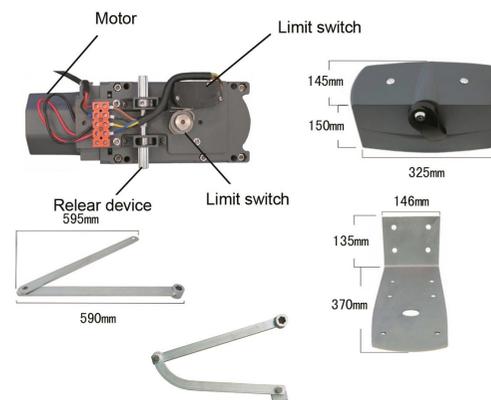
CSCAGO-02
Max width single leaf:4.0m
Max weight single leaf: 500Kg
Use frequency:90%
.Quick installation .Guaranteed quality .Minimum maintenance



*It is especially recommended to use folding doors

Model	CSCAGO-02-DC24V	CSCAGO-02-AC
Power Supply	AC220V±10V 50/60HZ,AC110V±10V, 60Hz	AC220V±10V 50/60HZ,AC110V±10V, 60Hz
Electric motor	DC24V	AC220/110V
Current	5.2A	1.5A/3A
Absorbeb power of motor	80W	320W
Max leaf length	4.0m	4.0m
Max gate weight	500kg	500kg
Shell material	Die-cast aluminum alloy shell,powder coated finishing	
Motor speed	10S/90degrees	14S/90degrees
Rotational speed	1800RPM/min	1800RPM/min
Thrust	MAX 600N	MAX 600N
Running time protection	Adjustable	Adjustable
Rod's max travel	/	/
Auto closing delay time	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)
Operating Temperature	-20°C~+70°C	-20°C~+70°C
Relative Humidity	≤95%, No Condensation	≤95%, No Condensation
Protection class	IP45	IP45
Application	home automation	home automation
limit switch	with limit switch,	with limit switch,
Condenser	/	8F(AC220V),25uf(AC110V)
Door opening angle	90°,100°,110°,120°	90°,100°,110°,120°
Motor Dimensions(LxDxH)	325*150*145mm	325*150*145mm

Packing	40kg, 2 motor in 2 cartons:490*23*300mm, 2 arms in 2 carton:600*150*80mm, 1 control panel in 1 carton:	40kg, 2 motor in 2 cartons:490*23*300mm, 2 arms in 2 carton:600*150*80mm, 1 control panel in 1 carton:
Fully secure and reliable system	To the larger gates, the use of security,with an irreversible motorso no need of electric locks, when power down, the release device may be manually controlled the door. Release handle with a key, safe and reliable.	
Flexible installation, easy adjustment	O2 structural design rigorous, demanding,but easy and quick installation. Crank-type design for the size requirements have great flexibility in mounting, According to the occasion you can also use the leaner one, C2 is very powerful, more suitable for heavy doors.	
Innovative Technology	O2 comes with built-in mechanical internal motor stops without another gate stops; do not need to apply electric locks, motors are equipped with accurate parked in open and closed end side of the limit switch for more convenient.	
Reliable quality	O2 gate control operation system has indisputable advantages, and use high-quality waterproof anti-corrosion material, ensure long-term use.	



External automations for swing-leaf gates

CSSGO-10
Max width single leaf: 4m
Max weight single leaf: 500Kg
Use frequency:30%
Self locking drive .Force regulation via control board .High torque for heavy and over-size gate .Release handle make it easy to manual override .Low noise based on High quality material and .precise production .Customized key for enhanced security



P16

Model	CSSGO-10-1-24V ordinary	CSSGO-10-2-24V extra long	CSSGO-10-1-AC ordinary	CSSGO-10-2-AC extra
Power Supply	AC220V±10V 50/60HZ, AC110V±10V, 60Hz	AC220V±10V 50/60HZ, AC110V±10V, 60Hz	AC220V±10V 50/60HZ, AC110V±10V, 60Hz	AC220V±10V 50/60HZ, AC110V±10V, 60Hz
Electric motor	DC 24V	DC 24V	AC220/110V	AC220/110V
Current	5.2A	5.2A	1.5A	1.5A
Absorbed power of motor	70W	70W	320W	320W
Max each leaf length	2.5m	3.0m	3.5m	4.0m
Max each gate weight	500kg	500kg	500kg	500kg
Motor speed	1.6cm/s	1.6cm/s	1.6cm/s	1.6cm/s
Rotational speed	1800RPM	1800RPM	1450RPM	1450RPM
Thrust	1800N	1800N	2800N	2800N
Shell material	Die-cast aluminum alloy shell and stainless pipe			
Running time protection	Adjustable	Adjustable	Adjustable	Adjustable
Rod's max travel	400mm	600mm	400mm	600mm
Auto closing delay time	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)
Gate move speed	12S/90degrees	12S/90degrees	12S/90degrees	12S/90degrees
Operating Temperature	-20°C~+70°C	-20°C~+70°C	-20°C~+70°C	-20°C~+70°C
Relative Humidity	≤95%, No Condensation	≤95%, No Condensation	30%	30%
Protection class	IP45	IP45	IP45	IP45
Application	home automation	home automation	home automation	home automation
limit switch	No	No	No	No

Condenser	/	/	8F(AC220V),25uf(AC110V)	8F(AC220V),25uf(AC110
Door opening angle	90°,100°,110°,120°	90°,100°,110°,120°	90°,100°,110°,120°	90°,100°,110°,120°
Motor Dimensions(LxDxH)	735*175*90mm	935*175*90mm	735*175*90mm	935*175*90mm
Packing	20kg, Together 1 cartons: 830*300*280mm	21kg, Together 1 cartons: 1030*300*280mm	21kg, Together 1 cartons: 830*300*280mm	22kg, Together 1 cartons:

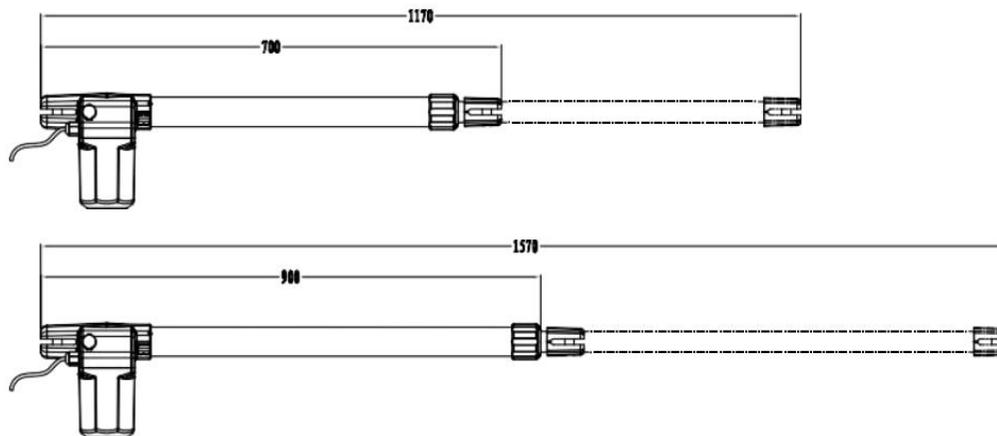


DC Control box



AC Control box

Dimensions

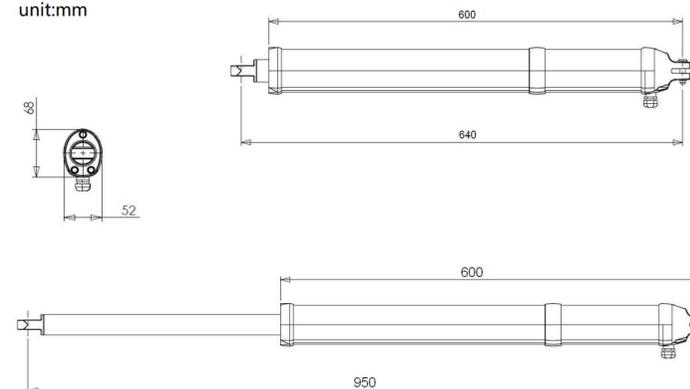


External automations for swing-leaf gates

CSSGO-11
Max width single leaf:2.0m
Max weight single leaf: 200Kg
Use frequency:50%
.Small dimensions .Guaranteed quality .Minimum maintenance * Soft start and soft stop * Dual/Single gate running mode * Adjustable Reverse or Stop in case of obstruction during gate going.



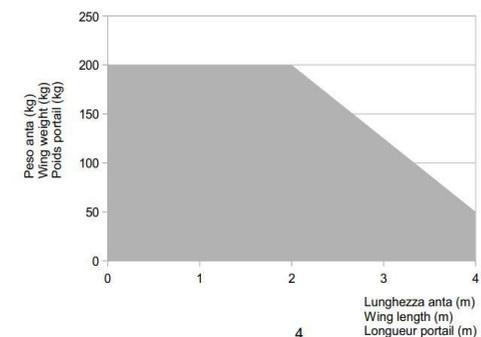
unit:mm



Model	CSSGO-11-DC24V
Power Supply	AC220V±10V 50/60HZ,AC110V±10V, 60Hz
Electric motor	DC 24V
Shell material	alu cover and staniess pipe
Current	1A
Absorbeb power of motor	25W
Max each leaf length	2.0m
Max each gate weight	200kg
Motor speed	1.6 cm/second (.63"/second)
Rotational speed	4500RPM/min
Thrust	1000N
Running time protection	Adjustable
Rod's max travel	330mm
Auto closing delay time	programmable (from 0 to 99 seconds)
Gate move speed	12S/90degrees
Operating Temperature	-20°C~+70°C
Relative Humidity	≤95%, No Condensation
Protection class	IP45
Application	home automation
limit switch	without limit switch
Door opening angle	90°,100°,110°,120°
Motor Dimensions(LxDxH)	640*68*52mm
Wiring	motor wiring 4x2mm ² ;Blinker wiring 2x2mm ² ;Control unit supply
Packing	11kgs,680*200*160mm



Limiti d'uso / Limits of use / Limitations d'use



External automations for swing-leaf gates

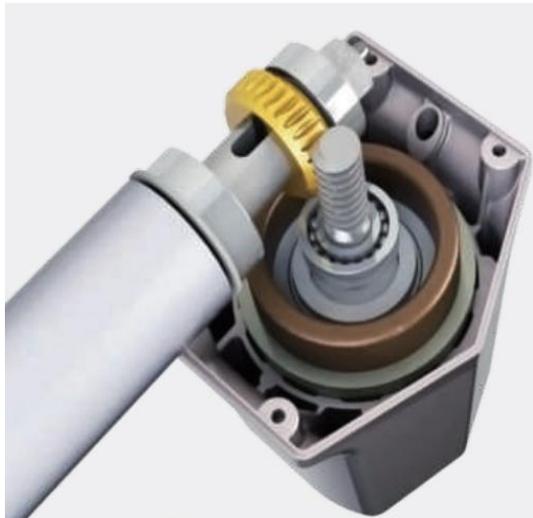
CSSGO-12
Max width single leaf:3.0m
Max weight single leaf: 400Kg
Use frequency:90%
.Quick installation .Guaranteed quality .Minimum maintenance



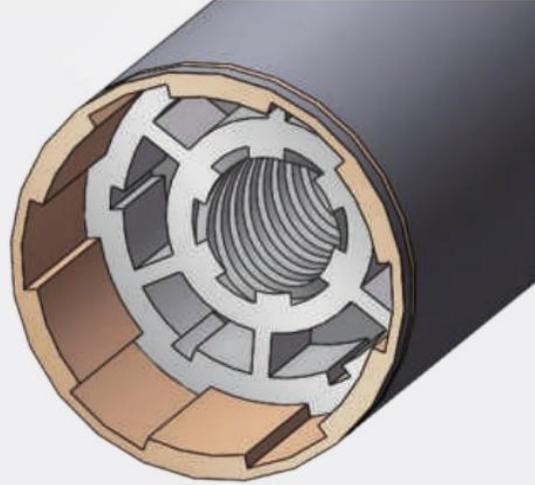
P19

Model	CSSGO-12-AC-400	CSSGO-12-DC-400	CSSGO-05-1-AC-600	CSSGO-12-DC-600
Power Supply	AC220V±10V 50/60HZ,	AC220V±10V 50/60HZ,	AC220V±10V 50/60HZ,	AC220V±10V 50/60HZ,
Electric motor	DC 24V	DC 24V	AC220/110V	AC220/110V
Shell material	alu cover and stanies pipe ,powder coated finishing			
Current	5.2A	5.2A	1.5A	5.2A
Absorb power of motor	180W	160W	180W	160W
Max each leaf length	2.5m	3.0m	3.0m	4.0m
Max each gate weight	500kg	400kg	500kg	400kg
Motor speed	1.6cm/s	1.6cm/s	1.6cm/s	1.6cm/s
Rotational speed	2400RPM	1440RPM	1440RPM	2400RPM
Thrust	4000N	3000N	4000N	3000N
Working Cycle	25%	90%	25%	90%
Running time protection	Adjustable	Adjustable	Adjustable	Adjustable
Rod's max travel	400mm	600mm	400mm	600mm
Auto closing delay time	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)	programmable (from 0 to 99 seconds)
Gate move speed	12S/90degrees	12S/90degrees	12S/90degrees	12S/90degrees
Operating Temperature	-20°C~+70°C	-20°C~+70°C	-20°C~+70°C	-20°C~+70°C
Relative Humidity	≤95%, No Condensation	≤95%, No Condensation	30%	≤95%, No Condensation
Protection class	IP44	IP44	IP44	IP44
Application	home automation	home automation	home automation	home automation
limit switch	No	No	No	No
condenser	/	/	8F(AC220V),25uf(AC110V)	/
Door opening angle	90°,100°,110°,120°	90°,100°,110°,120°	90°,100°,110°,120°	90°,100°,110°,120°
Motor Dimensions(LxDxH)	767*103*174mm	967*103*174mm	767*103*174mm	967*103*174mm

Packing	21kgs: Carton1:83*29.5*17cm Carton2:32*22*16cm	21kgs: Carton1:1030*29.5*17cm Carton2:32*22*16cm	21kgs: Carton1:83*29.5*17cm Carton2:32*22*16cm	21kgs: Carton1:1030*29.5*17cm Carton2:32*22*16cm
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Bronze worm pinion



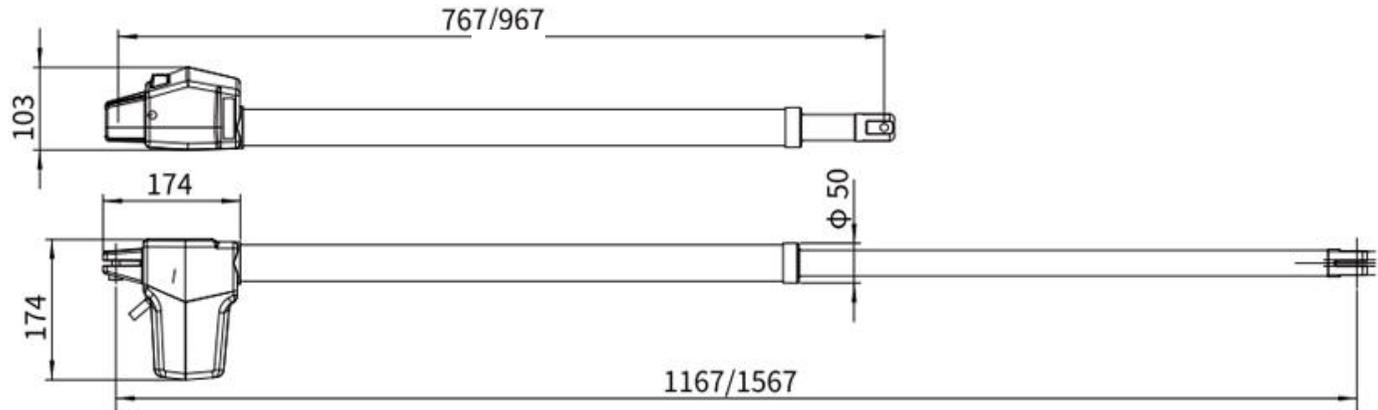
Plastic screw goes with track



Aviation aluminium for the part connecting with gate

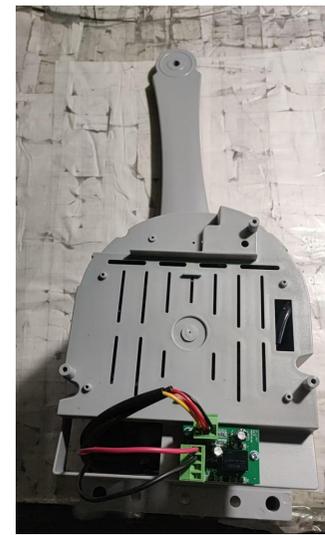
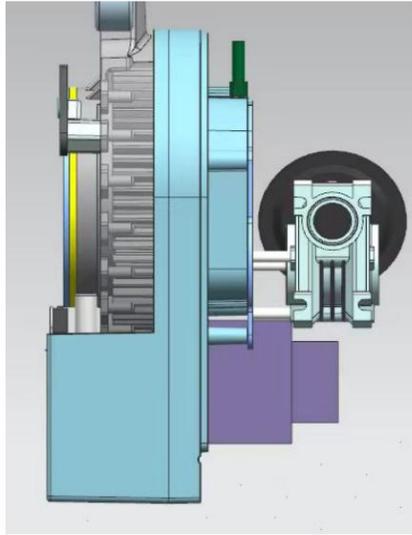
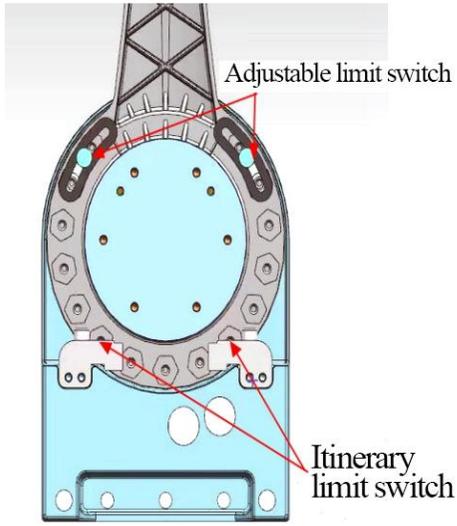


DC Control box / AC Control box



ARTICULATED ARM AUTOMATIC GATE OPERATORS

CS-770K	 <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  Bluetooth Control </div> <div style="text-align: center;">  WiFi Control </div> <div style="text-align: center;">  Solar Energy </div> </div> <p style="color: red; font-weight: bold; margin-top: 10px;">*It is especially recommended to use folding doors</p>
Max width single leaf:4.0m	
Max weight single leaf: 500Kg	
Use frequency:90%	
<ul style="list-style-type: none"> .Quick installation .Guaranteed quality .Minimum maintenance 	
Model	CS-770K-DC24V
Power Supply	AC220V±10V 50/60HZ,AC110V±10V, 60Hz
Electric motor	DC24V
Current	4.5A
Absorbeb power of motor	110W
Max leaf length/width	Maximum door leaf width :1.6m (Maximum weight up to 500 kg) Maximum door leaf weight: 250kgs(maximum width up to 2.5m)
Shell material	Die-cast aluminum alloy shell,powder coated finishing
Motor speed	16S/90degrees
Rotational speed	3500RPM/min
Thrust	MAX 400N
Running time protection	Adjustable
Rod's max travel	/
Auto closing delay time	programmable (from 0 to 99 seconds)
Operating Temperature	-20°C~+70°C
Relative Humidity	≤95%, No Condensation
Protection class	IP54
Application	home automation
limit switch	Micro Limit switch
Backup battery/solar energy	Support 2pcs 12V 9ah batteries Series wiring/Solar panel(Optional)
Door opening angle	90°,100°,110°,120°
Motor Dimensions(LxDxH)	270*191*282mm
Packing	30kgs,1 Carton packaging: 60*44*50cm



UNDERGROUND AUTOMATION FOR HINGED GATE

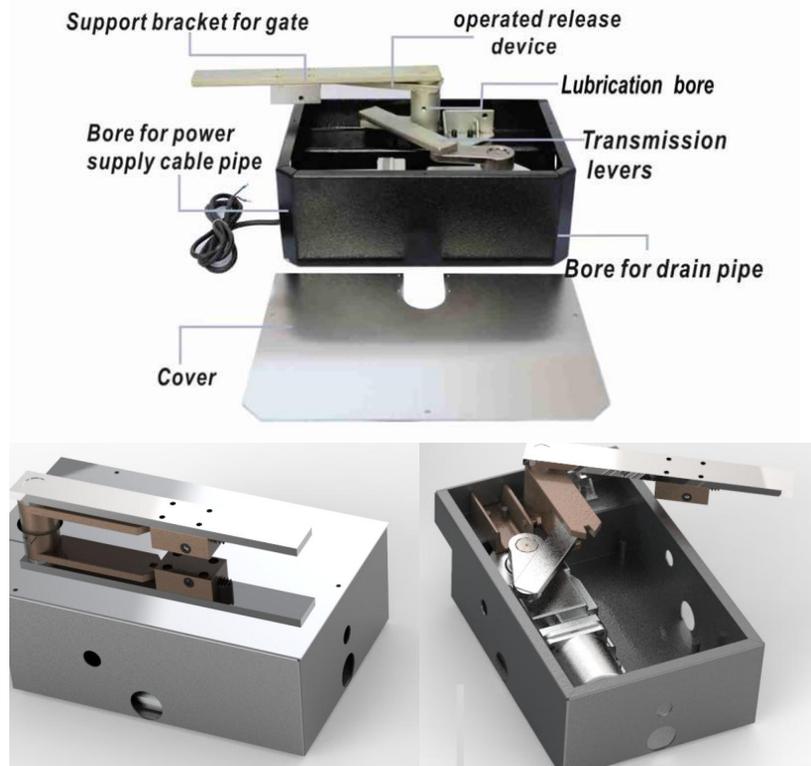
CSUGO-01
Max width single leaf:3.5m
Max weight single leaf: 500Kg
Use frequency:40%
.Built in mechanical limit stops for opening and closing position Optional stainless steel housing Emergency release in both side



P25

Model	CSUGO-01-AC	CSUGO-01-DC24V	CSUGO-04-AC	CSUGO-04-DC24V
Power Supply	AC220V±10V	AC220V±10V	AC220V±10V	AC220V±10V
Electric motor	AC220/110V	DC24V	AC220/110V	DC24V
Current	1.7A	5.5A	1.7A	5.5A
Absorbeb power of motor	300W	70W	300W	70W
Max leaf length	3.5m	3.5m	2.5m	2m
Max gate weight	500kg	300kg	250kg	200kg
Motor speed	14S/90degrees	12S/90degrees	14S/90degrees	12S/90degrees
Rotational speed	1450RPM/min	1800RPM/min	1450RPM/min	1450RPM/min
Thrust	MAX700N·m	MAX500N·m	MAX600N·m	MAX600N·m
Running time protection	Adjustable	Adjustable	Adjustable	Adjustable
Duty	40%	95%	40%	95%
Auto closing delay time	programmable (from 0 to 99 seconds)			
Operating Temperature	-20°C~+70°C	-20°C~+70°C	-20°C~+70°C	-20°C~+70°C
Relative Humidity	≤95%, No Condensation	≤95%, No Condensation	≤95%, No Condensation	≤95%, No Condensation
Protection class	IP67	IP67	IP67	IP67
Application	home automation	home automation	home automation	home automation
limit switch	with limit switch,	with limit switch,	with limit switch,	with limit switch,
condenser	8F(AC220V),25uf(AC110V)	/	8F(AC220V),25uf(AC110V)	/
Door opening angle	Max 110°	Max 110°	Max 110°	Max 110°
	500*306*170mm	500*306*170mm	400*200*125mm	400*200*125mm

Packing	65kg, 2 motor in 2 cartons:400*180*180, 2 mounting box in 2 carton:500*300*170, Together 4 cartons	68kg, 2 motor in 2 cartons:400*180*180, 2 mounting box in 2 carton:500*300*170, Together 4 cartons	65kg, 2 motor in 2 cartons:400*180*180, 2 mounting box in 2 carton:500*300*170, Together 4 cartons	68kg, 2 motor in 2 cartons:400*180*180, 2 mounting box in 2 carton:500*300*170, Together 4 cartons
A new technique	UGO Underground gate system is an new technology, it is completely in the ground, only to see apiece of stainless steel exposed, so it will not change the appearance of the door, high-power motor makes UGO able to open a single fan weighs 500kg heavy door, and to a steady job.			
Security	Anti-extrusion protection is achieved through internal control procedures to ensure the device is able to protect themselves under adverse conditions,in case of emergency, manual operation through a customized, special release			
Reliable quality	UGO products have been manufactured before the experiment many times to ensure that each product quality are the most perfect product waterproof, high structural precision, exterior materials rust and corrosion, protection grade IP67. UGO products in accordance with the Europ -ean standard design, reliable quality.			
Easy installation,low maintenance	Just a hinged door and drive arm connection, does not require complicated installation proced-ures. When in need of repair, you only need to open the stainless steel plate, UGO will be able to operate without removing the door.			



Common Accessories for Swing Gate Opener

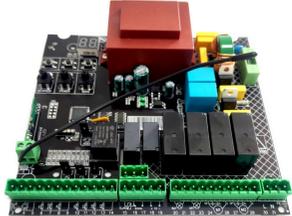
Photocells			Alarm Light		
					
CSP-02,DC12-24V, two beams, detection range: 40 meters	CSP-03,AC/DC 12-24V, Detection distance: 20m Internal rotation Angle: 0-180°、±90°	CSP-01,Max. effective range:15m;	CSP-04,12 Vdc o 24 Vac , Detection distance: 20m,Transmitter power :3 mA,Receiving power :30 mA	Reflector Photocell,photoelectric sensor,Induction distance: <10m	Silent flashing alarmlight ; AC220V/DC12/24V, AC110 V optional,Blue Color ,orange 36 Lamp beads
Alarm Light					
					
CSAL-01,Color: red or yellow, DC12V /DC24V/110V/220V, LED light	CSAL-02,Color: red or yellow, DC12V /DC24V/110V/220V, LED light	YS422 LED Sound Alarm light with antenna ; AC/DC 12-265V	CSAL-03,Warning light with antenna,AC/DC 12-256V	CSAL-06 Working voltage: AC/DC 12-265V	YS422 LED Sound Alarm light with antenna ; AC/DC 12-265V
Access control-Keypad					
					
CSK Key keyboard,6Volt DC, 2PCS CR2032 Li battery,Frequency:433.92M Hz+/75KHz Receiver GE-RCV1	CSK-02 Key keyboard, IP65 , 125khZ , for ID card Access control Up to 1200 users,Waterproofing with glue injection	Touch Keypad,YS515ID Waterproofing with glue injection 1. Password or RFID card, ID;2. Waterproof; 3. Fingerprint door; 4. Touch the keyboard	Keypad YS501 ID/ICcard + password 1,000 user capacity	Push button,CSPBD-KW ,wall swith,Single gate/Single gate	①Exit button,YS401,Support NO/NC,Push button ②CSPB-01,open/close/stop Wired control
Access control-GSM /Camera					

					
<p>RTU5024 GSM/4G SMS/telephone control (need sim card)</p>	<p>G203 GSM/4G SMS/telephone/ with app control (need sim card)</p>	<p>2.4G Wifi board WP101+ Power switch , android or IOS , eWeLink app,for gate opening,power input: DC9-36V</p>	<p>Video camera+wifi model X-house APP</p>	<p>Video camera+wifi model tuya APP</p>	<p>Solar PTz Camera+ wifi model tuya app/4G model</p>

Loop detector/Solar power supply system

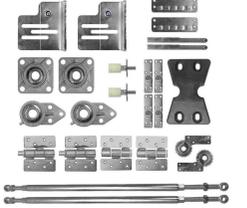
					
<p>Bluetooth CS-092&A2L, receiver, +USB, Bluetooth in the vehicle for gate opening</p>	<p>Exit Wand, Loop detector (Exit sensor) with 10 meters cable</p>	<p>Loop Detector, M1H, single channel, Copper coil</p>	<p>Loop Detector, PD132 single channel, Copper coil</p>	<p>Solar Panel, SP-30W, 18V, 30W, single crystal single crystal model [590*300*17mm]</p>	<p>BB01, External/Built-in Lead-acid battery DC12V, 7Ah/9ah available</p>

Commonly used control panels & remote controls

					
<p>SCC-30 SOLAR CHARGE CONTROLLER 20A/30A</p>	<p>DC12V/24V Control board for DC swing gate opener(Voltage switching socket),433.92Mhz</p>	<p>DC Control board SG-01 with LED liquid crystal screen, for DC12V/24V sliding gate opener, 433.92Mhz</p>	<p>AC Control board ID310, for AC110V/220V swing gate opener,433.92Mhz</p>	<p>Waterproof nylon box, support built-in battery, Snap-on switch, Size:378*185*130mm,</p>	<p>Waterproof nylon box,, the switch of the nut knob, Size:378*185*130mm,</p>

					
Tuya wifi model, 2.4G Wifi board WP102, 220V power input , android or IOS , tuya app, for gate opening	Toroidal transformer, 120VA, 150VA, 200VA, 250VA, TRAFNSFPRMER, input: 0V.--110V, 0V.--220V out put: 0V-110V, 0V.--220V	Remote control CSRM-1 433.92Mhz Learning code, Square type, Single key / 4-key mode	Remote control CSRM-2 433.92Mhz Learning code, Single key / 4-key mode	Remote control CSRM-3 433.92Mhz Learning code, Encrypted type. Single key / 4-key mode	EL104 Electric lock ,DC12V or DC24V Optional, Vertical installation, Purposes : Security for automatic gate opener

Electric lock & Other accessories

					
CS-034 Electric lock ,DC12V ,Horizontal installation, Purposes : Security for automatic gate opener	EL102, Electric lock ,DC12V or DC24V Optional, Vertical installation, Purposes : Security for automatic gate opener	EL103 Electric lock ,Horizontal installation, DC24V, Instantaneous power-on time :3 seconds Purposes : Security for automatic gate opener	EL101 Electric lock with small lock board, Horizontal installation, DC12V, Instantaneous power-on time :3 seconds Purposes : Security for automatic gate opener	Electronic lock EL104, Unlocking time :3 seconds, Energized and attracted. 24VDC Drop Down Bolt Inward Swing-L Inward Swing-R Outward Swing-L Outward Swing-R	Folding door assembly, Galvanized iron material