

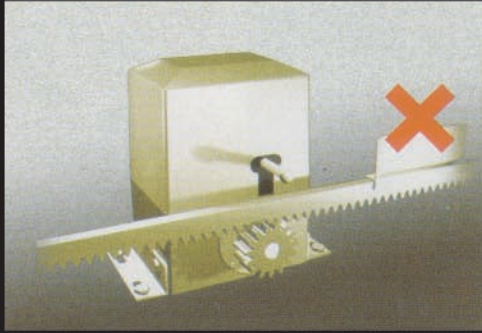
# DCMoto

AUTOMATIC GATE DRIVER



**DC-Moto**  
 A low voltage dual speed sliding gate motor with safety auto reverse function

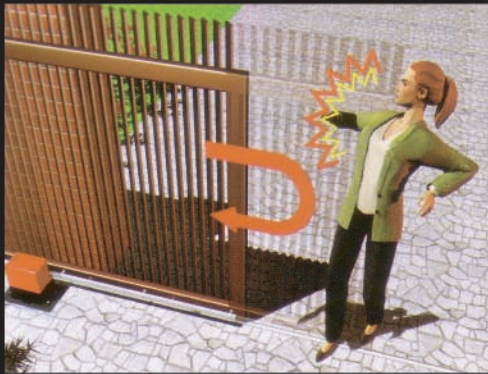




With DSPS technology, no limit switch is required.



Oil bathed gear box that ensures mechanical lifespan.\



A safety protection electronic overload sensor will stop or reverse the direction if there is an obstacle to the motion.

#### Specification

Driving method:	Rack and pinion of module 4
Operating:	DC24V for normal speed DC12V for cushioning speed
Max.Output power:	150W
Max.Linear speed:	30cm/sec
Max.Weight of gate:	600kg
Max.Length of gate:	10 meter
DSPS device	Rotary magnetic sensor
Gearbox:	Oil bath worm type reducer
Safety clutch:	Electronic current sensing
Backup Battery	12V 7AH
Safety barrier:	Infrared beam sensor (optional)
Main supply:	AC110V / 220V, 60Hz / 50Hz
Electronic controller:	Microcomputer based
Remote controller:	UHF Digital PWM typr
Temperature:	0 to +80°C

## Basic safety rules

**Some countries enforce law to regulate the safety caution while operating an automatic gate while some are not. wherever you are ,please keep to the safety rule while operating an automatic gate**

1) Only operate the auto-gate when you have visual contact with it and make sure no people and object are blocking the path of the gate.

Avoid using a remote controller with unnecessarily long operating distance.

2)When purchasing an auto-gate system, always prefer one with the lowest power. This will reduce the risk of injuries during an accident. An 80-Watt motor is sufficient for standard residential sliding gate while 350-Watt (about 1/2 horse power) is too powerful for a residential gate. A heavier gate is having a higher risk than a lighter gate because of the weight that forms the momentum force.

3)To avoid any electrical shock hazard, always prefer a low voltage DC motor then a motor powered by the main supply. Who Knows when an electrical leakage will take place when the motor casing is broken or the motor is flooded with water?

4)Make sure the motor is equipped with electronic or mechanical clutch that limit the force and make sure the device is functioning when the system is handed over to you. Test the safety function yourself periodically.

5)Infrared safety beam is preferred so that the gate will not move if any object blocks the path.