FELIX Security Systems

PARKING LOCKS

SOLAR

SMART
PARKING RESERVATION LOCKS

www.felixsecuritysystems.com

F-PL925

REMOTE CONTROL PARKING LOCK

PRODUCT FEATURES

- Controlled by remotes.
- **Material:** Carbon steel.
- Designed for parking space protection.
- Powder coated finish.
- Weatherproof.
- Battery operated.

TECHNICAL SPECIFICATION

MODEL	F-PL925
Control Mode	Remote Control
Remote Control Distance	≤50M
Rated Voltage	DC6V
Standard Battery	7.4V 3A Lithium Battery
Material	Carbon Steel
Protection Grade	IP67
Environment Temperature	-20°C~60°C
Rising Height	400mm
Rise/Fall Time	≤5S
Dimension	450*450*80mm
Weight	7Kg

ACCESSORIES

F-PL926

REMOTE CONTROL PARKING LOCK

PRODUCT FEATURES

- Controlled by remotes.
- **Material:** Carbon steel.
- Designed for parking space protection.
- Powder coated finish.
- Weatherproof.
- Battery operated.

ACCESSORIES

TECHNICAL SPECIFICATION

MODEL	F-PL926
Control Mode	Remote Control
Remote Control Distance	≤50M
Rated Voltage	DC6V
Standard Battery	7.4V 3A Lithium Battery
Material	Carbon Steel
Protection Grade	IP67
Environment Temperature	-20°C~60°C
Rising Height	570mm
Rise/Fall Time	≤5S
Dimension	450*610*70mm
Weight	8Kg

F-PL910

SOLAR PARKING LOCK

PRODUCT FEATURES

- Solar powered parking lock.
- Controlled by remotes.
- **Material:** Carbon steel.
- Powder coated finish.
- Weatherproof.
- Battery operated.

TECHNICAL SPECIFICATION

MODEL	F-PL910
Control Mode	Remote Control
Remote Control Distance	≤50M
Rated Voltage	DC6V
Standard Battery	6V7A Lead-Acid Battery
Material	Carbon Steel
Protection Grade	IP67
Environment Temperature	-20°C~60°C
Rising Height	400mm
Rise/Fall Time	≤5S
Dimension	460*450*70mm
Weight	7.5Kg
SOLAR PANEL SPECIFICATION	
Working Voltage	DC6V
Working Current	150mA
Power	1W
Cell Type	Polysilicon Cells
Circuit Board Material	CCL(Copper Clad Plate)
Circuit Board Dimension	110*60mm
Seal Technology	Epoxy Glue
Conversion Efficiency	18.6%
Environment Temperature	-20°C~80°C

ACCESSORIES

MANUAL PARKING LOCK

F-PL120

Material: Carbon steel
Control Mode: Key
Dimension: 710*400*40mm
Rising Height: 460m
Surface Treatment: Powder coated
Thickness: 1.3mm
Net Weight: 4.1Kg

F-DBK (60mm Fold Down Bollard with Spring)

Material: Carbon steel
Control Mode: Key
Base Plate: 150*100*10mm
Diameter: 60mm
Rising Height: 610m
Thickness: 3mm
Surface Treatment: Electro galvanized and powder coated

PRODUCT CHARACTERISTICS

Pressure Resistance: The parking lock can endure a rolling force of 2ton under the falling status without being damaged.

Self Locking: When the parking lock is at lifted or lowered status, no one else can make permanent changing on the status except the user.

Sealing: The IP protection level is 67, which can fully prevent dust from entering and avoid damages caused by water dashing.

Manual Control: If the battery is short of power or out of service, manual control can be made by pulling/ pressing the rocking arm of the parking lock, so that the battery can be conveniently taken out for recharging, replacement or maintenance.

Power Cut-off on Resistance: The power supply to the parking lock shall automatically be disconnected in the event of external forces exceeding the designated limit during the lifting process. This safety measure is implemented to protect the electrical motor from potential damage.

Power Shortage Indication: When the power is too short to start the parking lock, the indication LED on the parking lock will flash to remind the user of recharging the battery in time.

Alarming and Resetting on External Force: For these series parking lock, if the rocking arm is forced to be lowered when lifting, with the action of the external force, the front/back angle of the rocking arm will be changed, the parking lock will alarm to remind the external force applied to remove external force or remind the managerial staff to make treatment. The rocking arm will reset automatically after 5~7 seconds.

Theft Protection: The position of the foundation for parking lock and ground installation will be protected by a large external cover. The cover can only be opened by the user with the key to make theft protection.

INSTALLATION PROCEDURE

The parking lock is suggested to be installed in the middle of entrance of parking space. And installed on level and dry cement ground.

• Lift the rocking arm manually with hands, open the lock with key. Open the upper cover to install the lock.

• Drill three holes (12mm of diameter and 50mm of depth) and install M8 expansion bolts on the ground according to the locations of three installation holes on the parking lock foundation.

• Cover three foundation spacers on the expansion bolts, and then cover parking lock foundation, install and tighten the bolts to finish installation.

• Before using, first install batteries into the battery.

box, close the battery box cover tightly. then connect the plug to the socket of the parking lock, sort up the wires.

• Install the upper cover. Keep the upper and lower fixed blocks joggling (hold the back of upper cover to push forward as indicated in the schematic). Then lock the upper cover.

Application: Press the remote button to lift or decline the parking lock rocker. Power-off protection will be made if the rocker is blocked to prevent the electrical motor from being damaged. If the battery power is low, LED indicator will flash to mention user to replace new battery. If battery out of power, lifting/lowering of the parking lock can be made with manual.

Remote Pairing Method: Connect the power, the LED turn on for about 3~5 seconds, during this time, press unlock button first ,then press lock button, the led flash means the pairing, is successful.