

**Pshare-03YS**

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**AUTOMATIC PARKING  
LOCK(WITH SOLAR ENERGY)  
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## Brief Introduction

Pshare-03YS is designed for parking space management. It is easy to install and operate with low-cost maintenance.

Pshare-03YS is operated by remote controller. Press up button on remote controller to rise the arm up. Then the parking space is not allowed to use until press down button to fall the arm down.

## Technical Parameters

Product	Automatic parking lock
Rated voltage	DC6V
Quiescent current	$\leq 1\text{mA}$
Operating current	$\leq 1.2\text{A}$
Arm rising time/falling time	$\leq 4\text{s}$
Rising-up height	390mm
Falling-down height	75mm
Remote-controlled distance	$\leq 30\text{m}$
Working temperature	$-10^{\circ}\text{C}\sim+70^{\circ}\text{C}$
Size	450*450*80mm
Weight	7KG

## Functions & Features

### 1、Load-bearing:

The load capacity of Pshare-03YS is 500KGs/2 tons car when falling down.

### 2、Self-locking:

Pshare-03YS will lock itself when rising up or falling down. No one can change the parking lock status except the owner.

### 3、Manual:

When the battery runs low or the parking lock fails to work, we can control the parking lock manually. Then we can take out the 4 alkaline batteries to replace.

### 4、Protection class: IP 66

### 5、Motor protection scheme:

During the process of rising-up or falling-down, if the arm is stopped by external force, the motor will be in the automatic protection mode to avoid damage.

### 6、Low battery indication:

If the built-in battery is low, the buzzer will alarm and Led light will flash.

### 7、External forces interface alarming.

When the parking lock is in rising-up state, the buzzer will alarm if the arm is moved by un-authorized external force. The parking lock can reset in 3-5 seconds after external force cancelled.

### 8、Matching code between remote controller and parking lock:

Pull out the battery plug, and plug in again. When the indicator lights up, press-and-hold the two keys on the remote controller. The indicator will flicker if it succeeds.

### 9、Anti-theft:

All expansion bolts are covered by the iron cover, and the iron cover can be opened and removed by keys.

## Auto-sensor Introduction

Inserted the auto-sensor into the car cigar lighter, the parking lock will fall down automatically when car arrives (0-10 meters) , and it will fall down automatically when car leaves without any manual operation.

Note: when the auto-sensor is in operation, the remote control cannot be used.

Auto-sensor features:

1. No need to press the button of remote controller;
2. The auto-sensor has 2 USB interfaces;
3. The auto-sensor can install into cigar lighter of any cars.

## Installation instruction

Position of installation:

In order to avoid touching the parking lock, the parking lock should be installed in the middle of the parking lot.

Location of installation:

It is required to be installed on the flat and dry cement solid ground.

Method of installation:

- A、 Pull up the parking lock rocker arm by hand, then open the lock with the key and lift up the upper cover to install it.
- B、 According to the position of the three mounting holes on the parking lock anchor, drill three holes with the diameter of 12mm and the depth of 50mm, and



install the expansion bolts of M8.

C、 Insert the hole of the parking lock base into the expansion bolt, install and tighten the nut to complete the installation.

D、 When using, open the upper cover, plug the battery plug into the power socket.

E、 Install the upper cover. Make the upper cover and the fixing blocks match (push the upper cover forward), and then lock the upper cover.

## Maintenance

Clean up the dust and garbage on the surface of the machine body frequently. Try to ensure that the parking lock is clean and dry.

## Trouble shooting

The parking lock cannot work normally when pressing the button of the remote controller under enough power.

A、 Check whether the remote controller is short of power and the indicator light is on or not.

B、 Press the remote controller to see if there is an answer sound of the parking lock. If no answer sound, check whether the wire connector and battery are normal. Pull out the battery plug and plug it in again. There is a power on prompt sound on the parking lock. If the cable connector and battery are normal and the remote control is normal, you can learn code again.

C、 When you press the button of the remote controller, there is a response sound, but it can not rise and fall normally. Check whether the motor makes abnormal noise and whether the appearance is deformed.