



# KBA

## SD500 MAX 350kgs

### AUTOMATIC SWING DOOR SPRING TYPE OPERATOR

Professional ,Reliable,Stronger!



### EN16005 Type



Passed 2 million life tests by TUV



Passed the UKCA certification



Complies with EN16005 standard

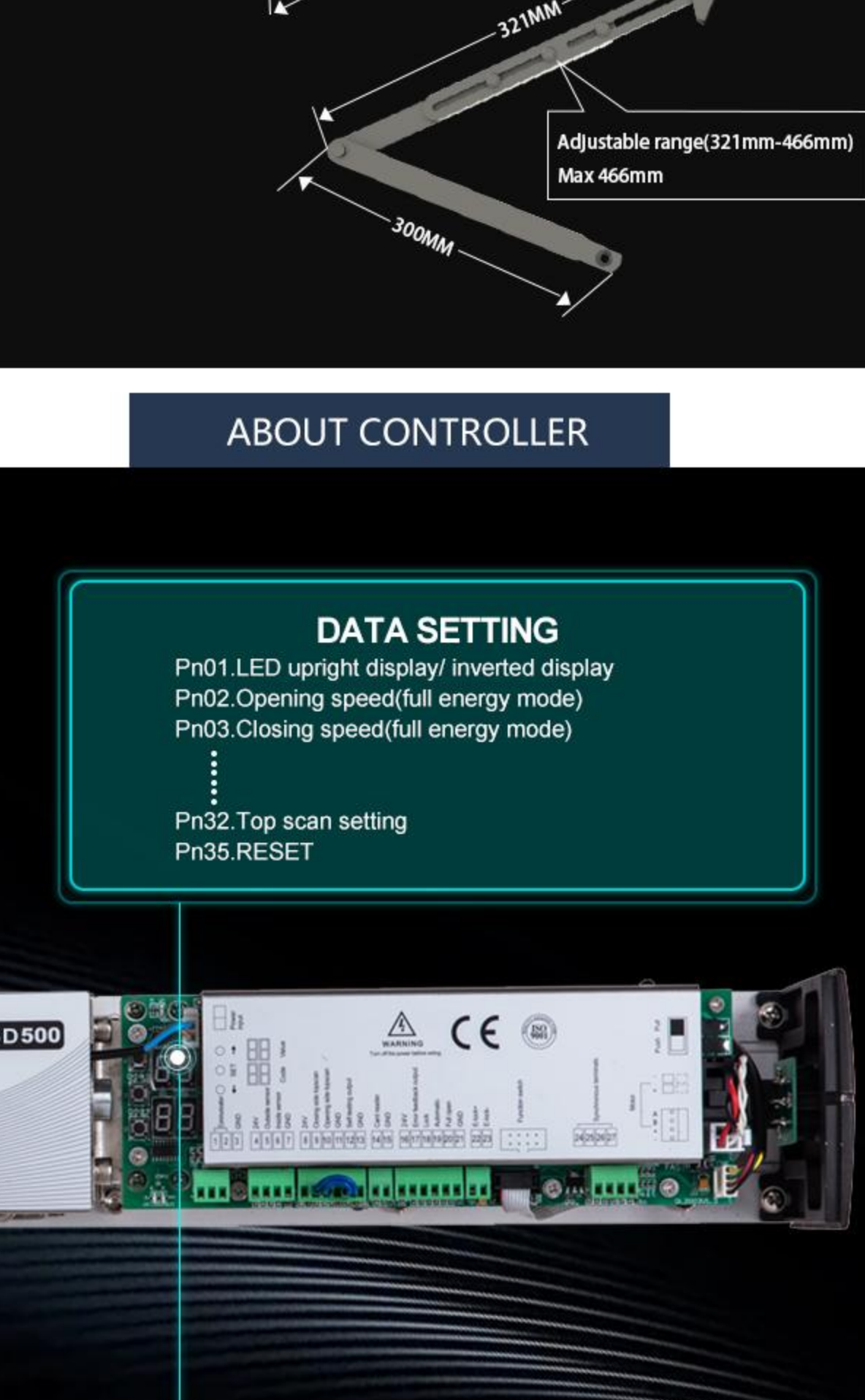


Passed CB certification

### PRODUCT COMPONENTS



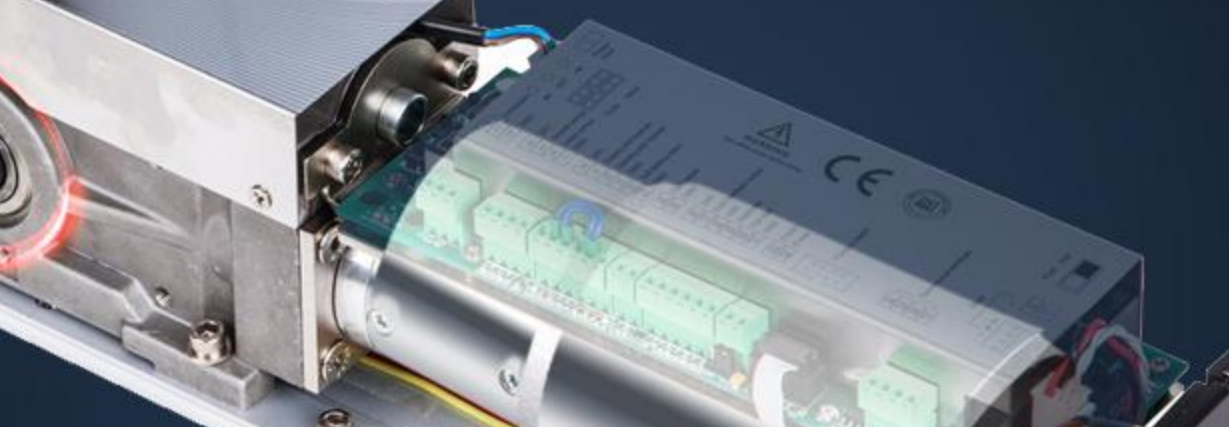
### PRODUCT DETAILS



### ABOUT CONTROLLER

#### DATA SETTING

- Pn01.LED upright display/ inverted display
- Pn02.Opening speed(full energy mode)
- Pn03.Closing speed(full energy mode)
- ...
- Pn32.Top scan setting
- Pn35.RESET



#### STATUS AND ERROR INDICATE

- 00.Operator self-monitoring that waiting door has stopped moving
- 01.The operator self-monitoring door has been closed
- ...
- 22.Door open direction's Self-monitoring Top scanner (swing door mobile INFRARED security sensor) connection error

## STRONG BRUSH MOTOR



- 100W** Brush Motor
- Speed **3600** RPM/min
- Reduction ratio **125:1**
- Large torque **26.5N.m**
- Max hold **350kgs**

### BUILT-IN SPRING

Built-in spring design  
Work as door closer,when no power  
(Open the door manually ,Close the door automatically by spring)



According to different door weight, by adjusting the spring tension to adjust the force of the closing door



## STRONG WIND RESISTANCE



Possess strong resistance to wind pressure, can withstand strong winds and operate normally  
Can be used for outdoor doors

### FOR SPECIAL APPLICATIONS

turn on"low energy mode"

- Reduce the opening and closing force
- Reduce the opening and closing speed
- Reduce the Anti-collision force

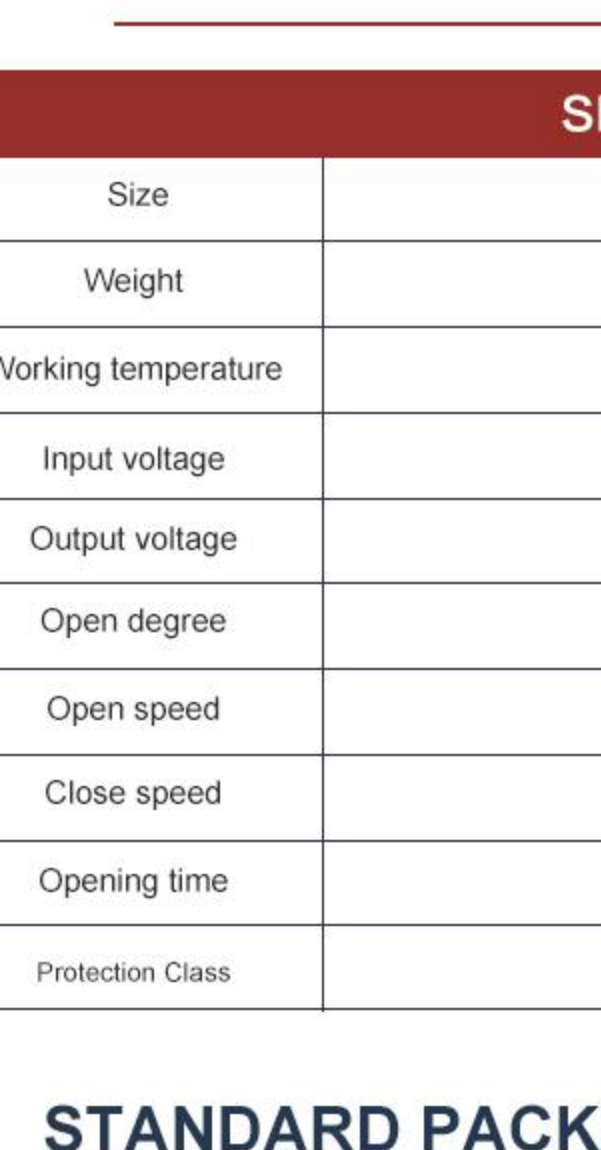
Accord with European EN16005 standard



### SETTING INFRARED SAFETY SENSOR SLOW MOTION AREA (OPENING DIRECTION)



If there is a wall in the direction of the door opening, can be settled **Slow Motion Area** (45° ~106°) in the controller. Within this range (blue part), the door can Moving at low speed when the sensor detects the wall. And Safety Sensor will stop working.The door can be fully opened



### 3 MODES SWITCH CAN BE CHOICE

- Automatic
- Manual
- Full open

Switch

### TECHNICAL DATA

| SD500               |                       |
|---------------------|-----------------------|
| Size                | 610*90*128mm(W*H*D)   |
| Weight              | 13.5kgs               |
| Working temperature | -20°C ~ +50°C         |
| Input voltage       | AC 200V ~240V 50-60Hz |
| Output voltage      | 24V DC (±10%),3A      |
| Open degree         | Max 105°              |
| Open speed          | 40°/S                 |
| Close speed         | 30°/S                 |
| Opening time        | 3-9s (adjustable)     |
| Protection Class    | IP21                  |

### STANDARD PACKAGE INFORMATION



User manual



Extension Screws 33mm

### STANDARD



Operator



Pull bar



Extension(33mm)