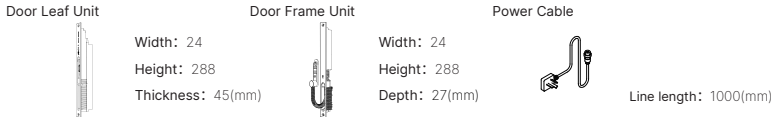


# Kmuun PSP

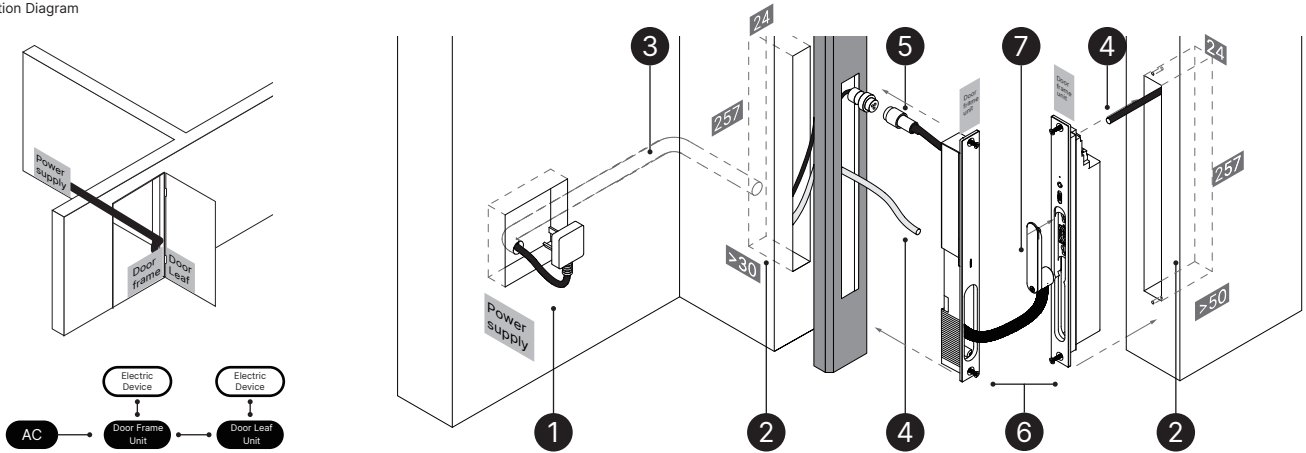
## Power Cable Pass through User Manual

v0.0.1



<b>Finish</b> <ul style="list-style-type: none"> <li>Anodized Aluminum Alloy</li> <li>Black ABS with V0 flame rating</li> </ul>	<b>Adapter Input</b> <ul style="list-style-type: none"> <li>AC 110 ~ 240V</li> <li>50/60Hz <math>\leq</math> 1A</li> <li>Overvoltage protection</li> <li>Overload protection</li> <li>Overcurrent protection</li> <li>Short-circuit protection</li> <li>Secondary filtering</li> <li>Potting insulation treatment for high-voltage power supply against electric leakage</li> </ul>	<b>Adapter Output</b> <ul style="list-style-type: none"> <li>Rated Voltage: DC 24V = 2.00A DC 12V = 4.00A</li> <li>Rated Voltage: <math>\leq</math> 48W</li> </ul>	<b>Backup Battery</b> <ul style="list-style-type: none"> <li>Capacity: 2000mAh</li> <li>Voltage: 12V</li> <li>Standby Time: About 7 days <small>[Battery life applies only to normal operation of the Kmuun automatic lock and Facial Recognition Access Device]</small></li> <li>Overcharge protection</li> <li>Over-discharge protection</li> <li>Short-circuit protection</li> <li>Over-temperature protection</li> </ul>	<b>Environment</b> <ul style="list-style-type: none"> <li>RH(Non-cond): 20% ~ 90%RH</li> <li>Temp: -25 ~ 60°C</li> <li>Charging Temp: 0 ~ 40°C</li> </ul>	<b>In the box</b> <ul style="list-style-type: none"> <li>Door Leaf Unit</li> <li>Door Frame Unit</li> <li>Power Cable</li> <li>Accessories</li> <li>Included cable</li> </ul>
<b>Installation</b> <ul style="list-style-type: none"> <li>Mounting on the side of the door leaf &amp; frame</li> <li>Wired Connection</li> </ul>	<b>适配器型号:</b> <ul style="list-style-type: none"> <li>DZ-H150S23-GPF-KM</li> </ul>	<b>Safed Standards:</b> <ul style="list-style-type: none"> <li>IEC62368-1</li> </ul>	<b>Firmware Version</b> PSP - v1.0.0		

### Installation Diagram



① Once the power source location is set, an outlet 86 box is installed on the wall. The conduit between electric source and door leaf unit is then run to the door, making it ready for the final wiring.

For safe operation, ensure the three-pin socket is properly grounded.

② Based on the PSP diagram & your product's actual requirements, cut openings/channels in the door frame, wall, and door leaf to accommodate the PSP+ device and allow extra space for cable routing.

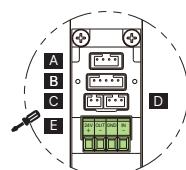
③ Pass the power cable through the pre-embedded conduit between the electric source and the door leaf unit, with the 3-pin plug positioned at electric source and the aviation plug at the door frame unit.

Power cable      3-pin plug to aviation plug

Do not remove the built-in three-pin plug yourself. Ask a professional to do it. Make sure the ground wire is properly connected.

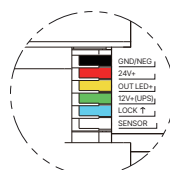
④ Connect the device cable and the automatic lock cable to the PSP door leaf unit. For other devices, use the ports as defined below.

#### Door leaf terminal



- (A) Input Port  
GND 12V+ LOCK2 LOCK1
- (B) Automatic Lock Power/Control Port  
GND 12V+ Detect Lock-gnd LOCK
- (C) Signal Port  
Lock-gnd Sensor
- (D) Control Circuit Input Port  
(Control of outdoor lighting is achieved through the dedicated lamp control line on the device end.)  
LED D GND LED1
- (E) Control Circuit Input Port  
(Connect LED 124V device <math>\leq 30W</math>)  
24V+ OUT- GND IN-

#### Door Frame Quick-Connect



- GND/NEG Ground Port
- 24V+ 24V DC Output
- OUT LED+ Control Signal Output
- 12V+(UPS) 12V DC Output
- LOCK ↑ Lock Signal[Unlock High Level]
- SENSOR Connect to SENS on Port C of the door leaf

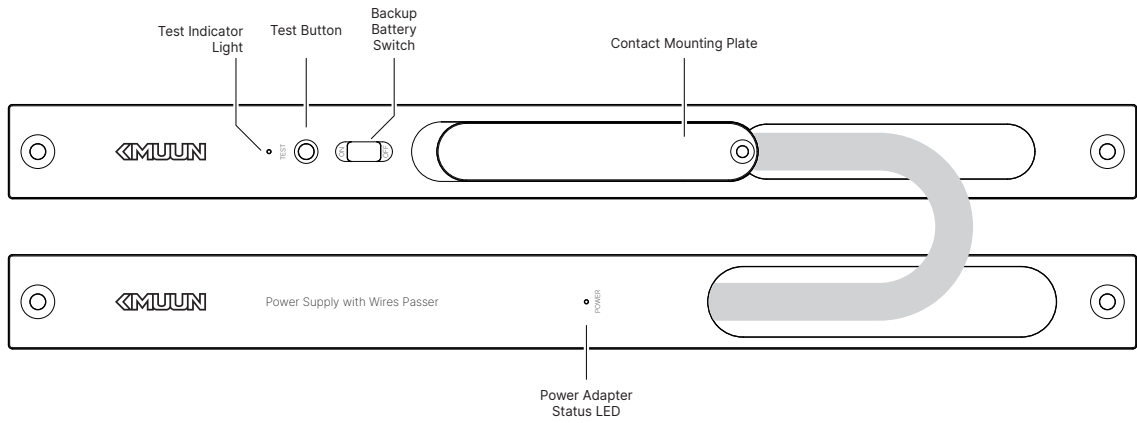
⑤ With power off, connect the door frame aviation plug to the power cable's aviation plug securely.

⑥ Place the door frame & leaf units into the slots, then secure them to the frame and leaf using the 4 included M4\*7 black self-tapping screws.

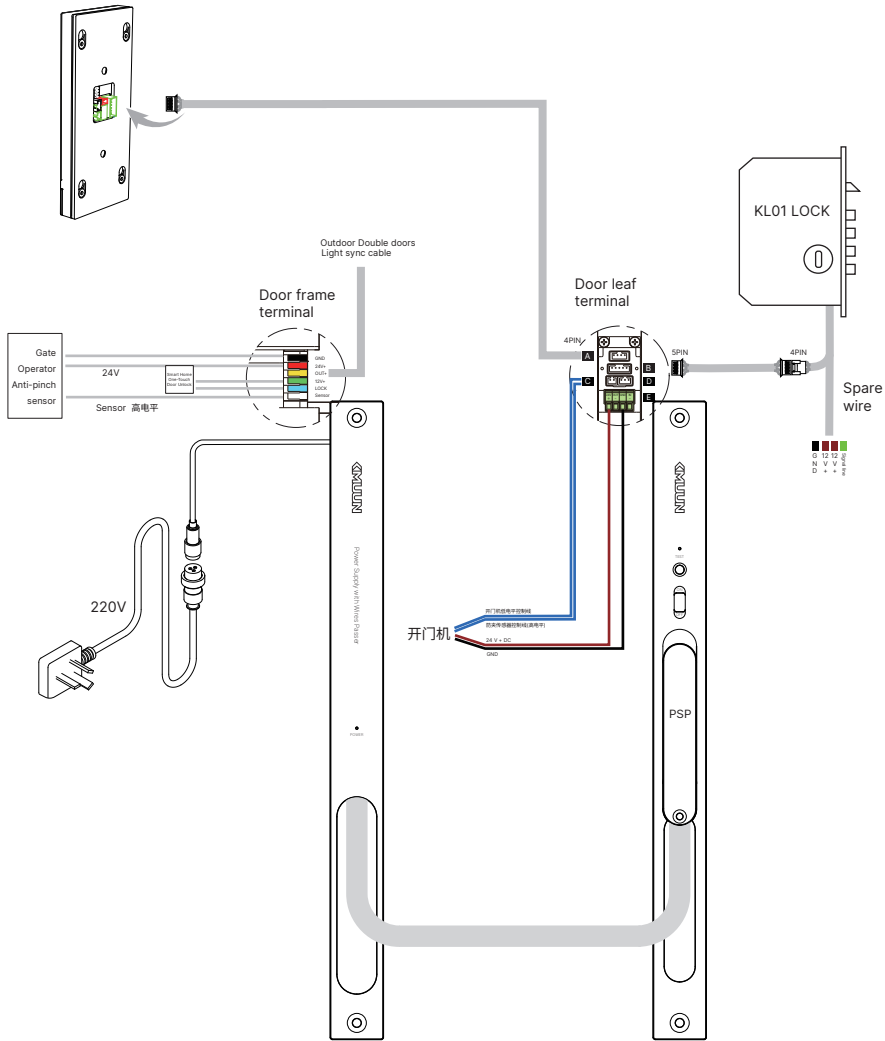
⑦ Connect the door leaf & frame. Install the contact plate into the slot, slide it downward until it reaches the bottom, then tighten the fastening screws to complete the installation. Is ready for further testing.

[点击此处以获取更详尽的安装说明视频](#)

Connect the product without power. Wire correctly per the diagram. After setup, power on. If malfunction occurs, disconnect power and check wiring. If unresolved, contact technical support.



Product Wiring Diagram



User Guide

Turn on/off Backup Battery

To prevent battery drain or accidental activation during transportation, turn the Backup Battery Switch OFF after testing. Switch it back ON only after installation at the user's home.

Troubleshooting

If a malfunction occurs during home visits, use the Test Button to diagnose: If the Test Indicator lights up but the lock doesn't respond → the lock is faulty. If the Kmuun device unlocks but the Test Indicator stays off → the Kmuun device has an issue. Contact support for assistance in either case.

Power Consumption Notes

Total power of all connected devices must not exceed 48W.  
Total power of 12V devices must not exceed 24W.

Attention

- Before use, read all instructions carefully. Damages from non-compliance are not covered by warranty.
- Use only manufacturer-specified accessories and parts.
- Avoid forcefully disassembling to prevent damage.
- Keep away from water or splashing environments.
- Do not clean the fingerprint sensor with sharp objects or corrosive liquids.
- Clean with a soft cloth and water to prevent surface damage.
- Set up the device immediately after installation to avoid safety issues.

Warranty

- This product's after-sales service strictly follows the "Consumer Protection Law of the People's Republic of China" and the "Product Quality Law of the People's Republic of China," with the following after-sales service terms:
- Within one year from the day after you receive the product, if any performance failure listed in the "Product Performance Fault List" occurs, the product will be repaired free of charge based on the warranty type after being inspected and confirmed by the KMUUN Service Center.
- For damages not covered by the warranty or caused by human factors, the KMUUN Service Center can still provide repair support, but a repair fee will be charged according to the actual condition of the product.