UHPPOTE HBK-P01 Door Access Control Power Supply User Manual

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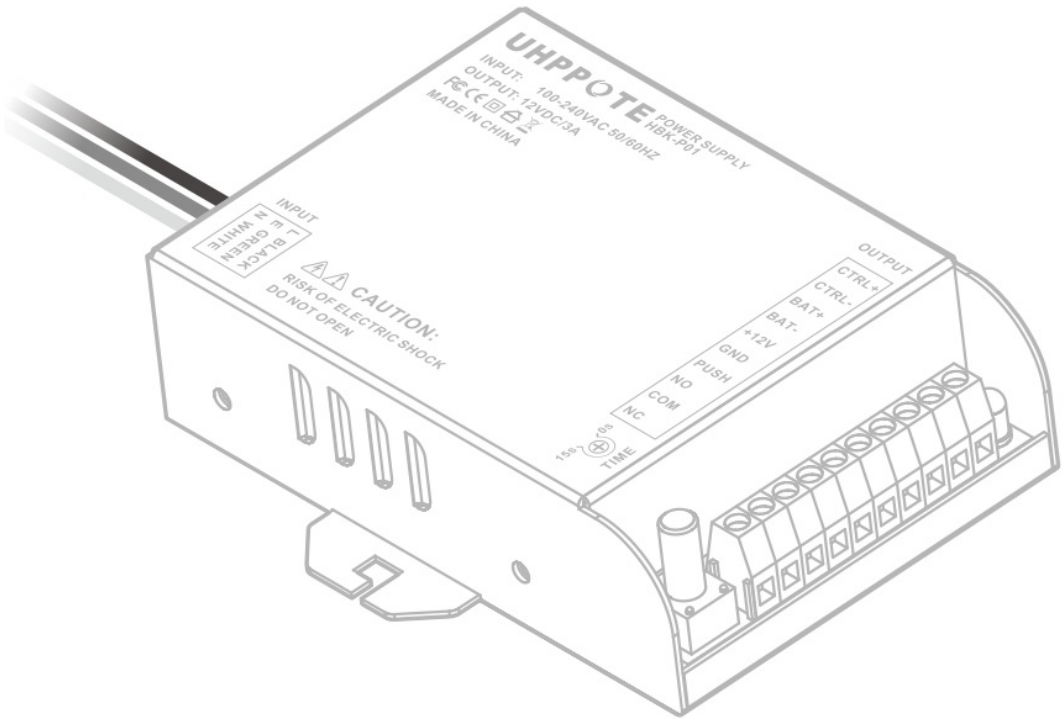
SWITCHING POWER SUPPLY
USER MANUAL



Model:HBK-P01

Contents

Packing List

Name	Quantity	Remarks
Switching Power Supply with Cable of 8″	1	UL3239 Silicone Wire
User Manual	1	English
Plastic Anchors	2	For Screw
#7×1″ Self-Tapping Screw	2	For Fixing

Introduction

- HBK-P01 switching power supply is specially used for access control system and can be protected automatically when there is short circuit, over voltage or over current. It is of strong practicality, simple interface and steady performance.
- With working current of 3A, it can provide electric lock and access controller with 12VDC steady output voltage.
- An external backup battery can be connected without over -charging and scarce-charging. The power supply will cut off output automatically when the voltage is too low, which effectively protects the battery and prevents the lock from being stuck due to over-low voltage.

Features

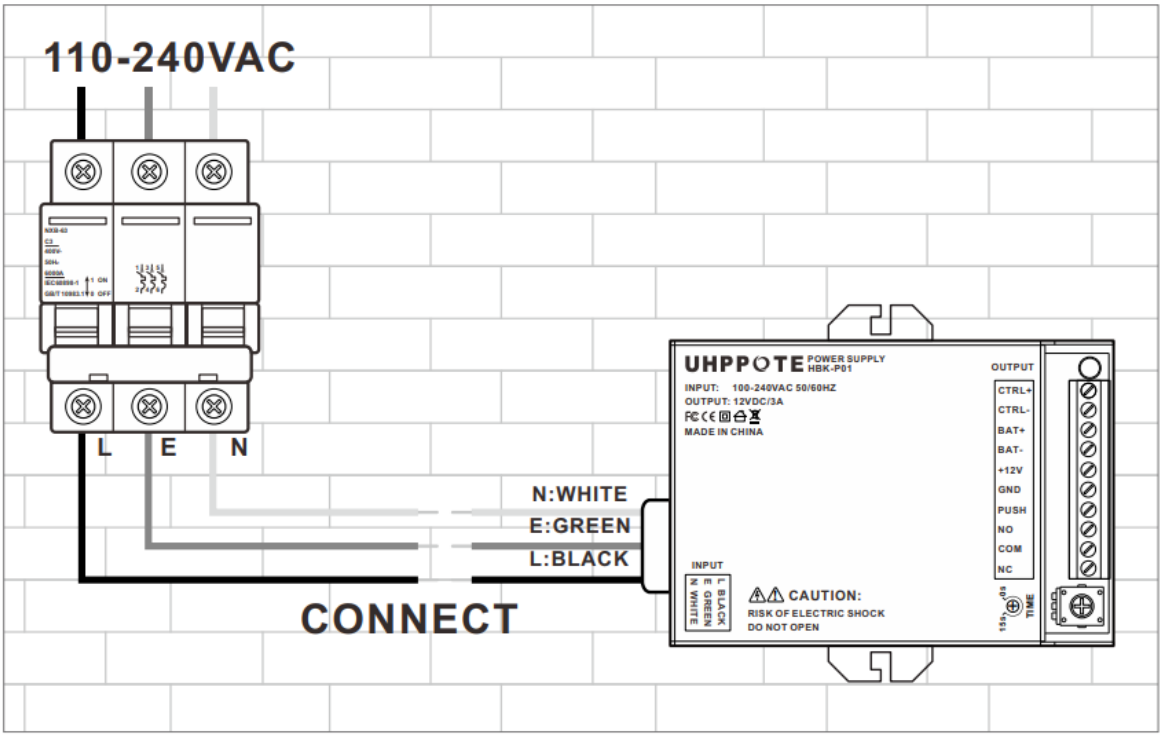
- Indoor use only.
- Low noise design with ripple as low as 85mVp-p.
- Compatible with electric lock, access controller, exit push button and intercom camera.
- Can reduce the load of access controller and save wiring to reduce the hidden trouble.
- Based on relay control circuit, lock time can be adjusted from 0 to 15 seconds.
- Automatic protection function for dangerous situations, such as, overload, over voltage and short circuit.
- Protection mechanism: Power will be disconnected temporarily or the fuse will be insured automatically.
- Circuit breaker protects against overcurrent and reverse battery faults.
- Support external 12V backup battery.
- The charging no-load voltage is 16.5V, and the charging voltage is 13.8V when the battery is connected. It takes about 18.5 hours to fully charge the 12V/7AH battery.
- A short circuit (flow) protection: When the output circuit is short-circuited, it will be automatically disconnected and will automatically return to normal state when troubleshooting.

- Battery reverse protection: When the battery is connected reversely, the power supply will not be damaged. At this point, adjust the positive and negative poles of the battery, and the switching power supply will recover in about 20 seconds.
- Battery over-discharge protection: When the battery voltage is lower than 9.2V during using, the battery will be automatically disconnected to prevent the access control device from data loss and will be charged quickly when the battery voltage is restored.

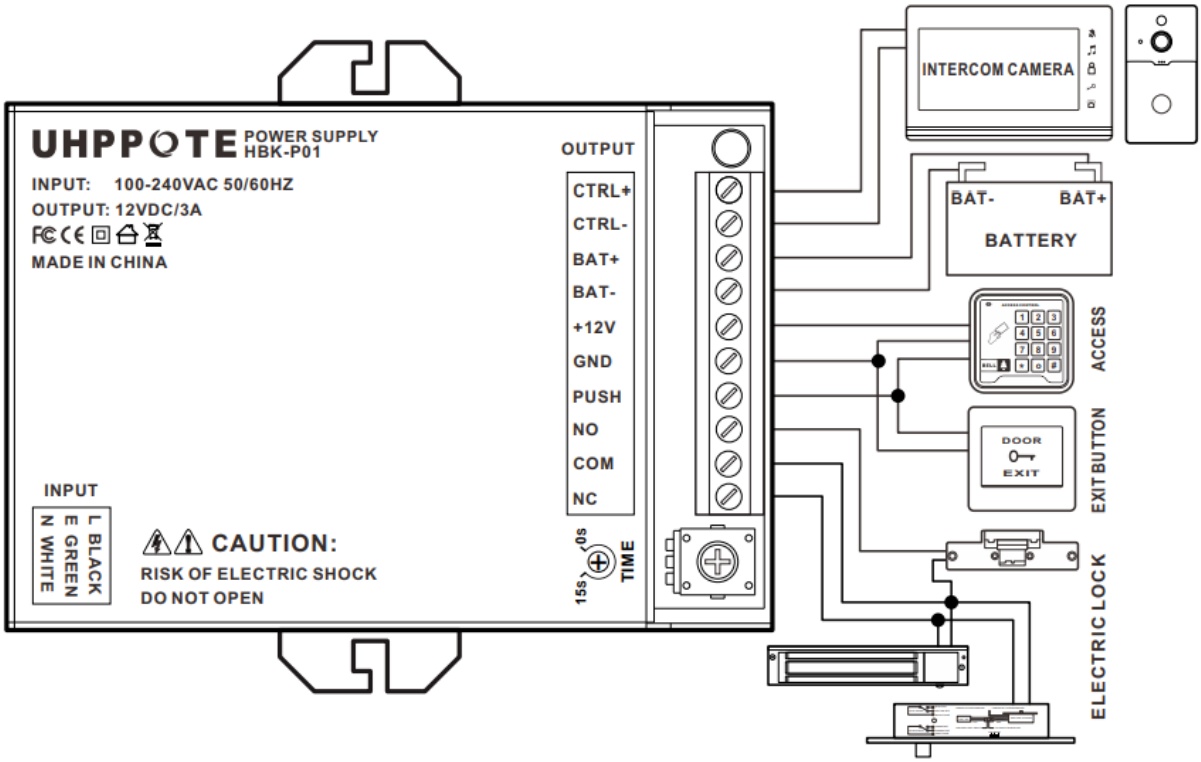
Specifications

Input Voltage	100-240VAC	Input Frequency	50-60Hz
Output Voltage	12VDC	Output Current	3A
Output Power	36W	Efficiency (Typ.)	90%
Enclosure Material	Aluminum alloy	Enclosure Finish	Spraying
Operating Temperature	-4 to +140°F [-20 to +60°C]	Operating Humidity	10%-90%RH
Time Delay	0-15s	Product Weight	7.3oz [207g]
Enclosure Dimension	4-29/64″ x 3-5/64″ x 1-17/64″ [113x78x32mm]		
Backup Battery Type	12V storage battery. Recommend 12V 7AH battery.		

Input Wiring Diagram



Output Wiring Diagram



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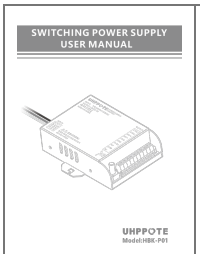
Documents / Resources

	UHPPOTE HBK-P01 Door Access Control Power Supply [pdf] User Manual HBK-P01 Door Access Control Power Supply, HBK-P01, Door Access Control Power Supply, Access Control Power Supply, Control Power Supply, Power Supply

References

- User Manual