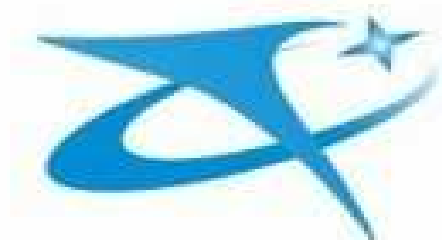


# Mini UPS 不间断电源

UPS-9V-1A



深圳市新鹏翔电子有限公司  
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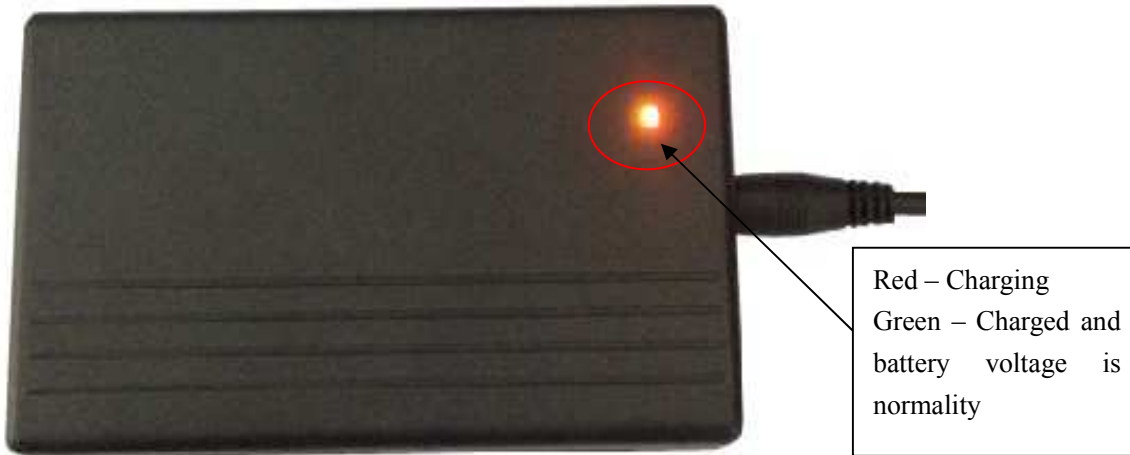
Mini UPS Product Specification Sheet

Mini UPS 不间断电源

## Mini UPS Description:

Mini UPS uninterruptible power supply is a standby energy storage power supply. Used safe and environmental lithium cells, credible and stable PCB, trickle/constant-current/ constant-voltage lithium battery charging BMS, Created by high performance and efficiency DC-DC, boosting and switching circuit. This mini UPS with perfect over-charged, over-discharged, over-current and short-circuit protection.





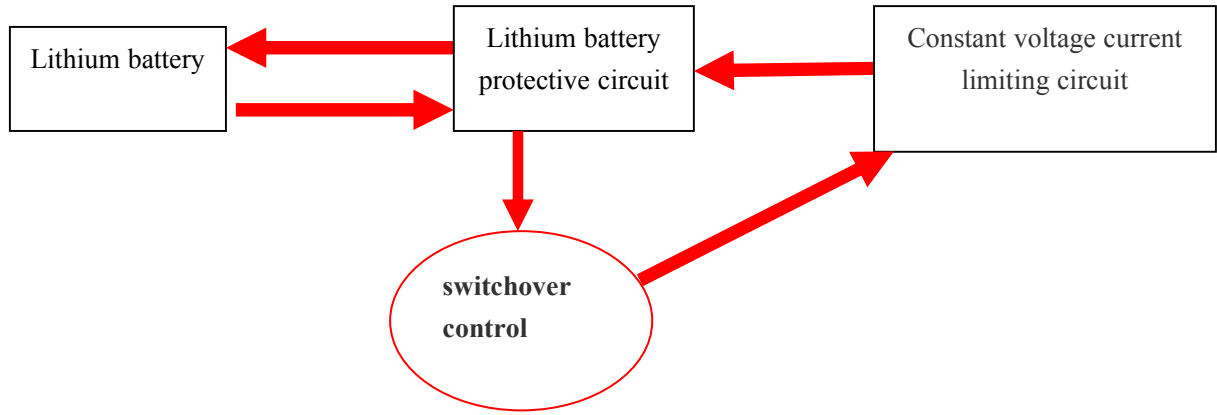
### **Mini UPS Application:**

Smart 9V mini ups widely use for fingerprint attendance machine, Fire safety system, security monitoring system, wireless camera, CCTV camera ,personal treatment system,Door security system, personal data assistant, emergency lighting, Alarm system, personal communication systems, radio, digital cameras, camcorde rs, video camera,Bluetooth devices, CD players, MD players, portable DVD, MP 3 players, smart cards.

### **Mini UPS Feature:**

- Rated Capacity: 14.8wh
- Input Voltage:  $9V \pm 5\%$
- Input Current:  $\leq 1000\text{mA}$
- Output Voltage:  $9V \pm 5\%$
- Output Current:  $\leq 1000\text{mA}$
- Working Temperature:  $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$
- Net Weight: 153g
- Volume: 111\*60\*26mm

# Function Diagram



## Electrical characteristics:

No.	Item	Technical Requirements	Unit	Remark
1	Rated input voltage	$9 \pm 5\%$	V	
2	Input voltage	$9 \pm 5\%$	V	
3	Charging current	300	mA	
4	Transfer efficiency	$\geq 85\%$		
5	Max output current	$\leq 1$	A	
6	No-load voltage range	$9 \pm 5\%$	V	
7	Output current range	$\leq 2A$		
8	Max output voltage range	$9 \pm 5\%$	V	
9	Noise	$\leq 120$	dB	
10	Over-discharged protection(battery)	6.0	V	Over-discharged release 6.3V
11	Over-charged protection(battery)	8.4	V	Over-charged release 8.2V
12	With load current(battery)	$\geq 3$	A	
13	Output over-discharged protection	$\geq 2$	A	Locked

## Mini UPS Working Condition:

- Charging:  $0^{\circ}\text{C} \sim 55^{\circ}\text{C}$
- Discharging:  $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$

## Storage:

When stored, the UPS will self-discharge at a rate that is greatly affected by the ambient temperature. UPS should therefore be fully charged before being put into storage and if they are to be stored for a long period they should be recharged periodically to prevent them from losing their original capacity. As a guide, the UPS should not be stored for longer than the periods shown below without being recharged:

- 6 months at  $20^{\circ}\text{C}$
- 3 months at  $30^{\circ}\text{C}$

- 2 months at 35°C
- If long time did not use this mini UPS, suggest to charge it once every 3~5months

### **Safety Warning:**

- Do not expose the mini UPS in the rain or snow;
- Do not use or leave the mini UPS near a heat source as fire or heater;
- Do not connect the DC cable in wrong way;
- Do not use the wrong voltage adapter;
- Equipment voltage must matching with the mini UPS voltage
- Please leave away this mini UPS from children

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