



## DIN RAIL UPS SERIES

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All the patents are held accountable counterfeiting.

### Features



- DC uninterruptible power supply, parallel connection to DC bus
- Convection cooled
- **Din Rail/ Screw Mounting Dual Purpose**
- Easy mounting (one-step installation)
- UPS Design
- Battery Discharge Protection with Low voltage
- 3A Charge
- No need to replace internal fuse after short protection
- Battery Reverse Polarity Protection
- DC Bus, Battery Status LED, Relay Output Contact

DIMENSIONS: 100(H)\*110(D)\*60(W)mm  
WEIGHTS: 400g

### Detail specifications

Model	Lead acid battery	Power source	Battery low voltage protection	Max. battery output current	Battery output voltage
UPS30-24	24V	27.6V	20.5V	30A	20.5~27.6V

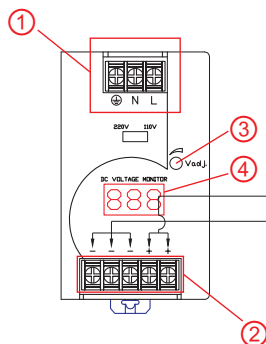
### LED, Relay and Battery Signal Instrustions

- DC Power Line OK: Relay is short circuit, green LED is on when DC voltage is 20.5V~27.6V.
- Battery Failure: Battery fails, relay is short circuit when battery voltage is below 20.5V.
- Battery Discharge: Relay is short circuit, blue LED is on when battery charging current is greater than 2A.
- Battery Signal: Battery signal is 10V when battery voltage is 27.6V; Battery signal is 0V when battery voltage is 0V.
- When powered by battery and the current is greater than 2A, the buzzer will alarm.
- Maximum relay contact current is 1A (30V).

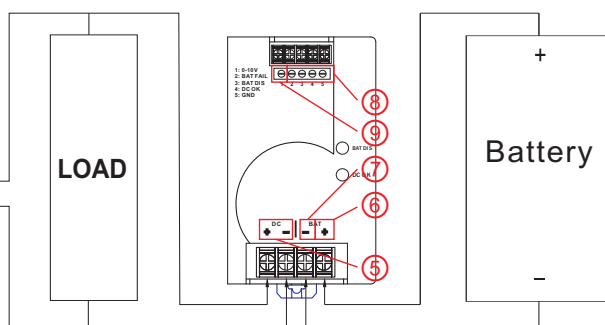
### Application Circuit 1

Provide backup after AC failure.

REIGN POWER'S  
SWITCHING POWER SUPPLY



REIGN POWER'S UPS SERIES



No.	Description
①	100-240VAC input
②	DC output
③	Output voltage control
④	Output voltage display
⑤	DC input
⑥	Battery positive terminal
⑦	Battery negative terminal
⑧	Relay terminals
⑨	Battery Proportional Signal

1. Reign Power reserve the right to change specifications at any time without notice.

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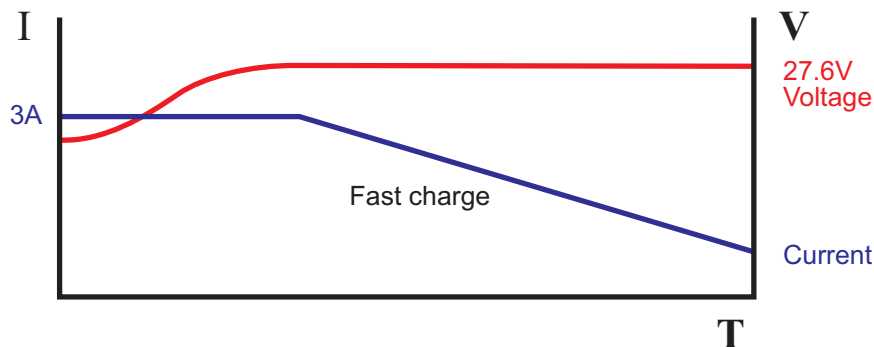
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## Charging Curve



## CE Standards

EN 55032, EN 55035,  
EN 61000-3-2, EN 61000-3-3,  
EN 61000-4-2, EN 61000-4-3,  
EN 61000-4-4, EN 61000-4-5,  
EN 61000-4-6, EN 61000-4-8,  
EN 61000-4-11

## Safety Standards



UL 62368 Meet

CE Marking

## Environments

**Operating Temperature**

-15 ~ 50°C, Ambient

**Operating Humidity**

20 ~ 95% RH, No Condensing

**Storage Temperature**

-20 ~ 85°C, Ambient

**Vibration**

2G, 10~500Hz, 3 axes

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