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## Features



- DC uninterruptible power supply, parallel connection to DC bus
- Convection cooled
- **Din Rail/ Screw Mounting Dual Purpose**
- Easy mounting (one-step installation)
- DC UPS Design
- Battery Discharge Protection with Low voltage
- 0.5A Charge
- Build-in battery fuse
- Battery voltage display
- Build-in buzzer and RDY relay signal alarm of abnormal power source

DIMENSIONS: 102(H)\*75.5(D)\*45(W)mm  
WEIGHTS: 181g

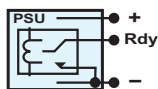
## Detail specifications

Model	Lead acid battery	External Power Supply	Battery low voltage protection	Build-in fuse of battery	Battery output voltage
UPS15-12	12V	13.8V	10V	15A	10~13.8V
UPS15-24	24V	27.6V	20V	15A	20~27.6V

Model	Li-ion battery	External Power Supply	Battery low voltage protection	Build-in fuse of battery	Battery output voltage
UPS15-24L	24V (7 Cells)	24V	20V	15A	20~24V

## RDY connection

RDY contact is open circuit to ground when power source is normal; short circuit when abnormal power source.



## 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

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

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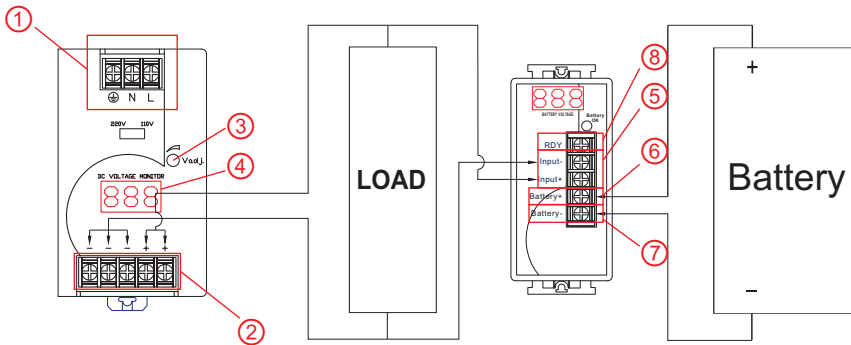
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## Application Circuit 1

Provide backup after AC failure.

REIGN POWER'S SWITCHING POWER SUPPLY

REIGN POWER'S UPS SERIES



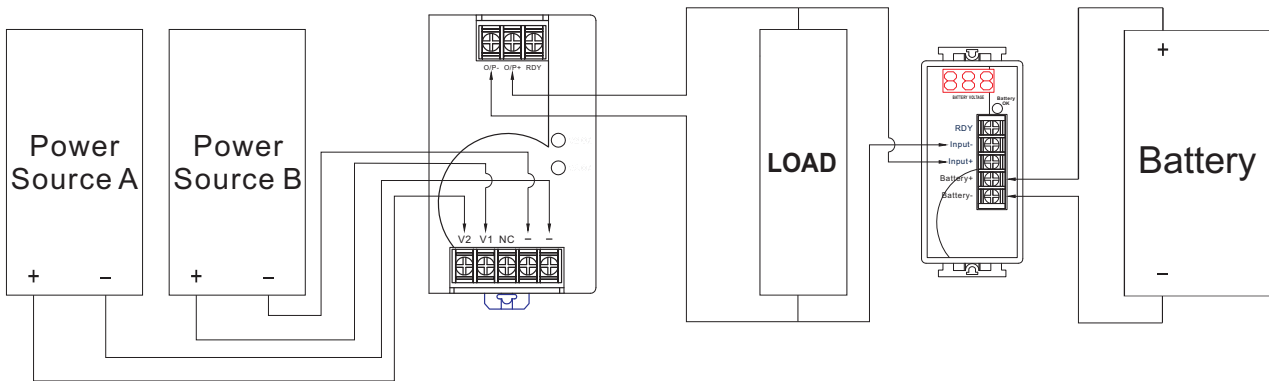
No.	Description
①	100-240VAC input
②	DC output
③	Output voltage control
④	Output voltage display
⑤	DC input
⑥	Battery positive terminal
⑦	Battery negative terminal
⑧	RDY relay signal

## Application Circuit 2

Redundant power module provides backup after AC failure or power malfunction.

DRN15

UPS 15 SERIES

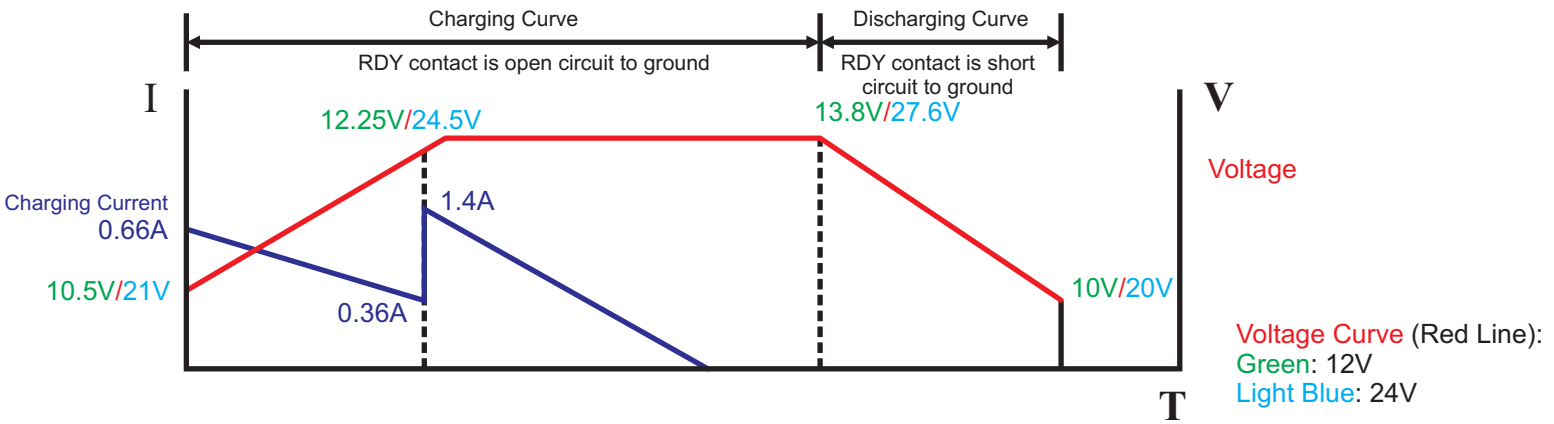


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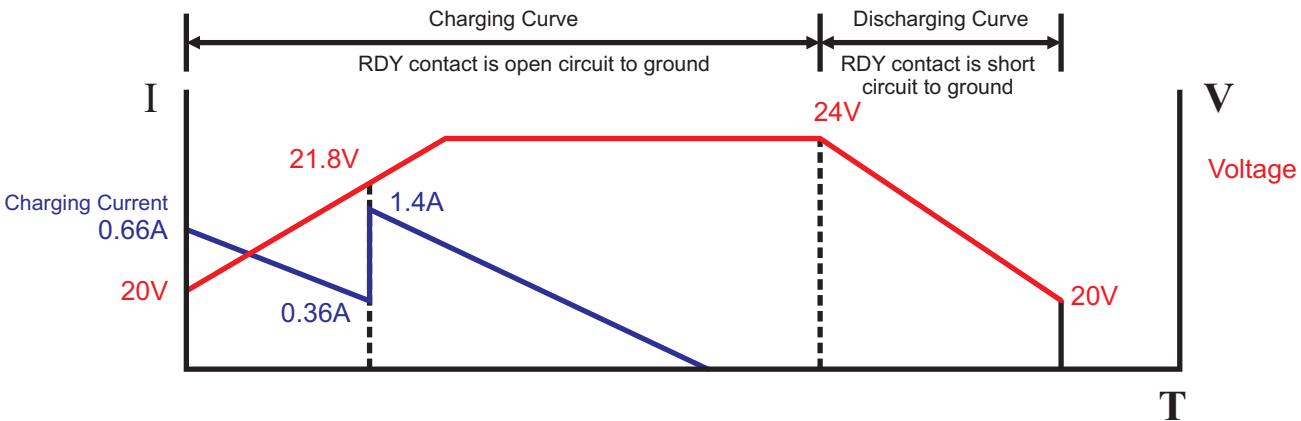


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### Lead Acid Battery Charging and Discharging Curve



### Li-ion Battery Charging and Discharging Curve

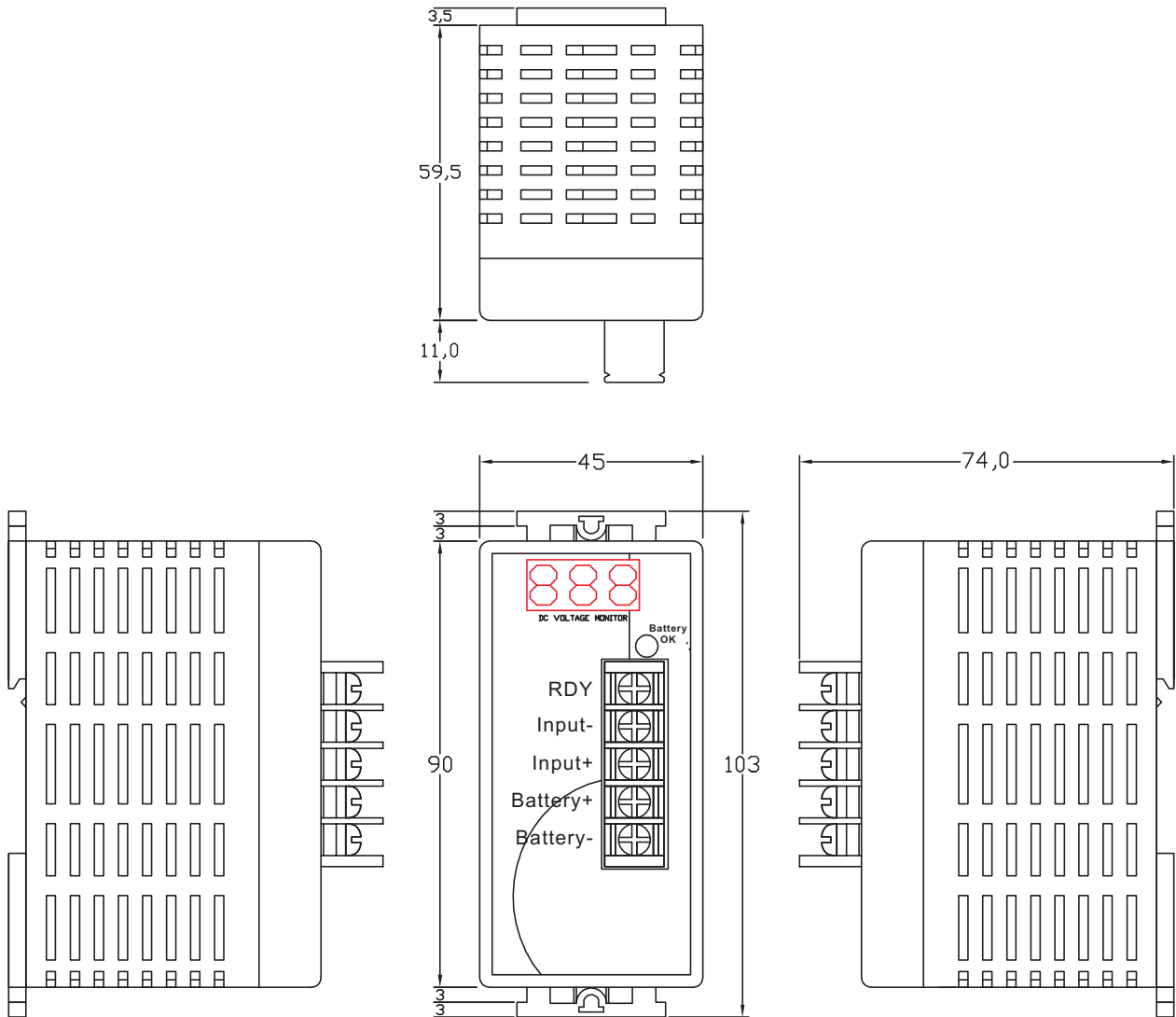


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**Mechanical Details**



**CASE NO. : CS024DR**

**UNIT : mm**

**DIMENSION : 103(H)\*74(D)\*45(W)**

**MATERIAL : PLASTIC**

**COLOR : GRAY**

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