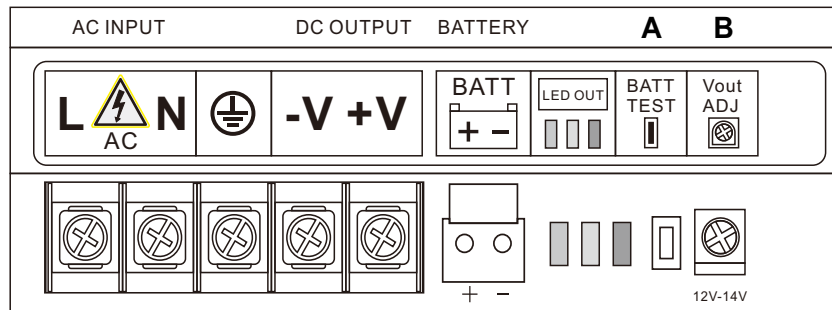


# User Guide

## ZTH1203B/ZTH1205B

- Read carefully this user guide before activating and using.
- Mounting, maintenance and repair must be carried on by a skilled and authorized staff.
- The activation is easy, but a correct handling and an appropriate maintenance are mandatory to keep the power supply working perfectly.

### Terminal description



#### A: BATTERY ACTIVATION SWITCH

*\*Before connecting to AC power for the first time, this switch can be used for activating battery; After connecting to AC power, battery will be activated automatically in each AC power failure, without pushing this switch.*

#### B: ADJUSTABLE OUTPUT VOLTAGE

*\*Based on the premise that the load can work normally, output voltage regulation is suggested between 13.8V to 14.0V. Battery can be fully charge and prolong the service life under this situation.*

### LED description

- Green DC OUTPUT ON/OFF
- Amber BATTERY CHARGING
- Red AC INPUT ON/OFF

| Situation               | GREEN | AMBER | RED |
|-------------------------|-------|-------|-----|
| Battery in charging     | on    | flash | on  |
| Battery in full charged | on    | off   | on  |
| No AC, with battery     | on    | off   | off |
| No AC, no battery       | off   | off   | off |

### Main specification

|                        | 12V3A                    | 12V5A   |
|------------------------|--------------------------|---------|
| AC Supply:             | 100-240V AC 50/60Hz      |         |
| Output voltage:        | 12-14V DC adjustable     |         |
| Max. output current:   | 3.0 Amp                  | 5.0 Amp |
| Max. charge current:   | 0.8Amp                   |         |
| Operation temperature: | -20~+60 Degree Celsius   |         |
| Humidity:              | Up to 80% non-Condensing |         |

### Protection

- Over-voltage protection
- Over-current protection
- Short circuit protection
- Over charge protection
- Over discharge protection
- Self-recovery when fault condition remove

### Caution

- Make sure the power supply input voltage and the local grid voltage matching before using.
- The UPS is to be installed in a controlled environment, make sure the power supply is well ventilated.
- It is mandatory to ground the power supply.
- Improper storage and installation environment may deteriorate insulation, shorten components life and cause malfunctions.



*All content, specifications and availability subject to change without prior notice.*