

Lithium Battery Charger

(Model Name : TC-7S10A-S)

1. Features



- ◇ Lithium battery charger.
- ◇ Charging method: Constant Voltage(CV) and Constant Current(CC).
- ◇ Pre charging availability.
- ◇ Battery over charging disconnection.
- ◇ Charging Current Limitation systems.
- ◇ The +, - polarity reversal wiring protection.
- ◇ Automatic power output disconnection during output terminal shorted.
- ◇ Battery abnormal warning systems.

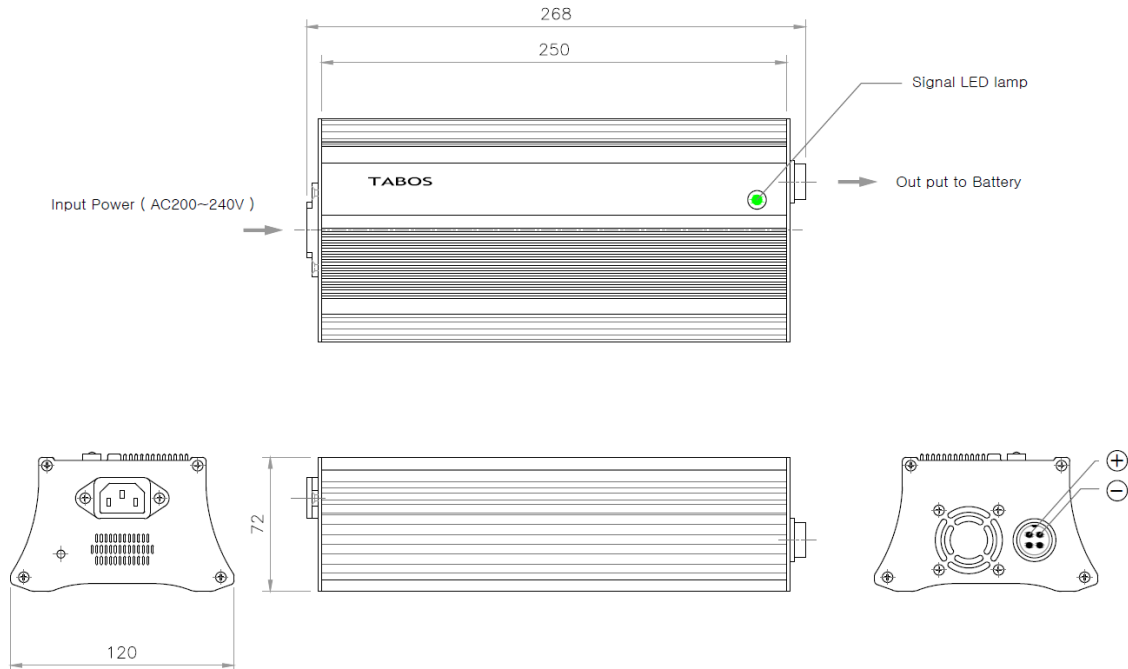
2. Specification

Made by TABOS Inc. in

Korea

Model Name	Battery Charging Voltage	Battery Charging Voltage	Maximum Charging Power	Dimension (mm) Weight (Kg) Case materials	Input Power	Maximum Power Consumption	Power Factor
TC-7S10A-S	DC29V	10 A	300 W	270 X 120 X 75, 1.7 Kg Aluminum	200~240V AC	340W (± 10%)	97%

3. Drawings



4. Environment

Temperature : Under 40°C

Humidity : Under 90%

5. Cautions

- ◇ Check out the battery charging voltage is over 29.4V
- ◇ Check out the available battery charging current is over 12A
- ◇ Do not apply the Lead Acid Battery.

6. Signal LED lamp and trouble shutting

- ◇ Green: Fully charged.
- ◇ Red: Charging
- ◇ Orange: Battery abnormal warning.
- ◇ Orange flickering: +, - polarity reversal wiring warning.

7. The ability of the charger to recharge when the battery voltage drops after the battery is fully charged.

With the charger and battery connected at all times

The battery can be used in conjunction with a load device.

At this time, the charger resumes charging operation when the battery falls below a certain voltage. This voltage is called the recharge start voltage.

* Model : TC-7S10A-S → The recharge start voltage = Around 25.9V