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

<table>
<thead>
<tr>
<th>Model Name</th>
<th>Battery Charging Voltage</th>
<th>Battery Charging Voltage</th>
<th>Maximum Charging Power</th>
<th>Dimension (mm)</th>
<th>Weight (Kg)</th>
<th>Case materials</th>
<th>Input Power</th>
<th>Maximum Power Consumption</th>
<th>Power Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC-7S10A-S</td>
<td>DC29V</td>
<td>10 A</td>
<td>300 W</td>
<td>270 X 120 X 75, 1.7 Kg</td>
<td>Aluminum</td>
<td>200~240V AC</td>
<td>340W (±10% )</td>
<td>97%</td>
<td></td>
</tr>
</tbody>
</table>
3. Drawings

![Diagram of the Lithium Battery Charger](image)

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