



S&T MOTORS CO., LTD.

# Service Bulletin

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SUBJECT	<b>BATTERY INITIAL CHARGING</b>
MODEL	
EFFECTIVE F/M NO	

This service bulletin is written to direct you the standard way of Battery initial charging.

### 1. The importance of Battery initial charging

When injecting electrolyte into the battery, it's very important how to do initial charging.

It affects battery's efficiency and life significantly.

When electrolyte is injected to new battery, chemical reaction occurs and then electrolyte's specific gravity is lower than full condition.

By this reason, you have to leave it until when electrolyte is activated with both poles.

Then the battery initial charging should be done in compliance with the below installation.

If the initial charging is installed improperly, The battery doesn't work properly.

It can be a major cause for rapidity discharge and shortened service life.

### 2. Battery installation

1) Fill the electrolyte into the battery and leave it over 20min until being activated charge in accordance with instructed electric current and charging time.

2) After finishing the charge, the measurement of voltage should be done by using Volt meter. (standard voltage : over 12.8V)

\* In case that electrolyte temperature exceeds the regulation temperature(normal:45°C/rapidity:55°C), the battery is required to be charged with low charge current or re-charged after making the battery low temperature.

### 3. Expected problem in case that Battery initial charging is done improperly.

The battery may be shortened service life awfully.

### 4. Rated current and charging time

Battery name	The regulation
YTX4L-BS	0.4A * 10H
YTX5L-BS	0.5A * 10H
YTX7A-BS	0.7A * 10H
YTX9-BS	0.9A * 10H
YTX12-BS	1.2A * 10H
YTX14-BS	1.4A * 10H

### 5. It will not be under the warranty when battery initial charging is done improperly.

- The End -