

How to adjust the maximum current settings on the PST-BC series DC/DC chargers.

If you have a "Hi" and "Lo" switch the following description is straightforward. Most units shipped these days have the Hi function disabled, so use the "Lo" procedure.

Remove the bottom cover and find the VR1 and VR2 pots

Hi and Lo procedure: The "Hi" & "Lo" current settings of BC charger can be changed by adjusting the two on-board trim pots. Since the "Lo" trim pot also affects the "Hi" current, therefore the "Hi" current need to adjust whenever there is any change in the "Lo" side.

Below is the full calibrating procedure of the two trim pots.

- (1) Turn VR1 and VR2 fully counter-clockwise.
- (2) With the current switch at "Lo" current and the battery is connected, turn VR2 clockwise slowly to achieve the desired "Lo" current setting.
- (3) Disconnect the battery and set the current switch to "Hi". Connect the battery again and turn VR1 clockwise slowly to get the required "Hi" current setting.

Lo procedure: If your customer need to lower the "Lo" current of BC-2424-10 only, He can turn VR2 counterclockwise slowly until the desired current is reached. He can leave the "Hi" trim pot unchanged but the "Hi" current will be 5A plus the final "Lo" current setting

