

**DEYE /SUNSYNK Inverters (48v-52v DC battery input ) charge settings for Shoto SDA10-48100  
LifePo4 battery :**

**NOTE : Before switching on the battery/ies and your inverter/s :**

1. Make sure the correct supplied BMS communication cable is being used ! : Refer to your Deye/Sunsynk inverter and Shoto battery user manuals . ( Deye/Sunsynk inverters use **CAN BMS communications** for Shoto batteries ) .
2. Insert the supplied BMS cable into the **CAN** port on the battery and the other end of the supplied BMS cable insert into the **CAN** port on your Deye/Sunsynk inverter .
3. Switch on the battery. Press and hold the reset button for 3-5 seconds – the battery LEDS will come on and the battery will give out power .
4. Now turn on the ON/OFF lever on your **DEYE/SUNSYNK** inverter/s . Now press the ON/OFF button on your inverter , the inverter/inverters turn on and the/their led display/s screens will light up .
5. Now press the inverter **“ENTER”** button and to go to **“SETTINGS”**. Select **“BATTERY”** to go to **“BATTERY SETUP “** then select **“LITHIUM”** for **“BATTERY TYPE”**
6. Now select **“CAN”** as the **“COMMUNICATION TYPE”** and set the **“PROTOCOL SETTING”** to **‘0’**.
7. Now set the **“BATTERY CAPACITY”** to **“100AH “**, set **“CHARGE AMPS”** to **“60AH”**
8. and the **“ DISCHARGE AMPS”** to **80AH**
9. Now select the **“SHUTDOWN “** option on the **“BATTERY SETUP”** menu - set **“SHUTDOWN to 20%”** . Select **“LOW BATTERY to 35%”** and lastely select **“RESTART to 50%”**
10. Now allow battery/batteries and inverter/inverters to sync .