SolCharge BLE Profile :

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| UUID | Read/Write | Size (Bytes) | Read | Write |
| FFF1 | R/W | 1 | 0x68 coil chrg **off**+LED **off** 0x7B coil chrg **off**+LED **on** 0x7C coil chrg **on**+LED **off** 0x7D coil chrg **on**+LED **on** | 0x6E : coil chrg **ON**  0x6F : coil chrg **OFF** 0x70 : LED Indicators **ON** 0x71 : LED Indicators **OFF** |
| FFF2 | R | 1 | Port 0 – BITS:  0: NA  1: VBAT (need to check)  2: NA  3: WCHG  4: IN\_WIRELESSCHG  5: ALRT  6: nCHG  7: SUN\_CHG | NA |
| FFF3 | W | 1 | NA | NA |
| FFF4 | - | 1 | NA | NA |
| FFF5 | R | 5 | NA | NA |
| FFF6 | R | 7 | Max17047 Data Bytes: 0: Cell Voltage MSB 1: Cell Voltage LSB 2: Cell Current MSB 3: Cell Current LSB 4: To Empty Min MSB 5: To Empty Min LSB  6: Percent | NA |

Port0 Bits Description: (BEFORE HARDWARE CHANGES!!! – May not be relevant!)  
WCHG : Led of the Wireless Charger  
IN\_WIRELESSCHG : “0” = Charging , “1” = No Charging/Completed  
ALRT : Alert  
nCHG : “0” = Out is Enabled (Charging) , “1” Out is Disabled  
SUN\_CHG : “0” = Sun Charging is Enabled, “1” = Sun Charging is Disabled

The values I get now from Port0:

0x02 – When none of the switches are turned on  
0xD2 – When (USB and/or WCH) are turned on **AND** (SLR and/or KNT) are turned on   
0xC2 – When SLR or KNT are turned on  
0x12 – When USB or WCH is turned on