**Configuration Page**

The BMS configuration page shall have the following items under the "Basic" settings.

|  |  |  |
| --- | --- | --- |
| **Group** | **Sysvar Name** | **Comments** |
| Device | /BMS/ASSOC/CFG\_DC\_INPUT\_OUTPUT | 3=House Battery Bank 1,4=House Battery Bank 2,5=House Battery Bank 3,6=House Battery Bank 4,7=House Battery Bank 5 |
| Device | /BMS/LPHD/CFG\_DEVICE\_NAME |  |
| Device | /BMS/LPHD/CFG\_DEVICE\_INSTANCE |  |

**Device Page**

|  |  |  |
| --- | --- | --- |
| **Sysvar Name** | **Type** | **Comments** |
| /BMS/DEV/TYPE | Enum | 0=UNKNOWN,1=SunPower,2=PylonTech |
| /BMS/BATT/I | Float |  |
| /BMS/BATT/V | Float |  |
| /BMS/BATT/TEMP | Float |  |
| /BMS/BATT/SOC | Percentage |  |
| /BMS/BATT/SOH | Percentage |  |
| /BMS/LPHD/CFG\_DEVICE\_INSTANCE | Int |  |
| /BMS/LPHD/CFG\_DEVICE\_NAME | String |  |
| /BMS/ASSOC/CFG\_DC\_INPUT\_OUTPUT | Enum | 3=House Battery Bank 1,4=House Battery Bank 2,5=House Battery Bank 3,6=House Battery Bank 4,7=House Battery Bank 5 |

**Status Page**

|  |  |  |
| --- | --- | --- |
| **Sysvar Name** | **Type** | **Comments** |
| /BMS/DEV/TYPE | Enum | 0=UNKNOWN,1=SunPower,2=PylonTech |
| /BMS/ASSOC/CFG\_DC\_INPUT\_OUTPUT | Enum | 3=House Battery Bank 1,4=House Battery Bank 2,5=House Battery Bank 3,6=House Battery Bank 4,7=House Battery Bank 5 |
| /BMS/LPHD/CFG\_DEVICE\_NAME |  |  |
| /BMS/LPHD/CFG\_DEVICE\_INSTANCE |  |  |
| /BMS/BATT/I |  |  |
| /BMS/BATT/V |  |  |
| /BMS/BATT/MAX\_DISCHG\_I |  |  |
| /BMS/BATT/MAX\_CHG\_I |  |  |
| /BMS/BATT/MAX\_CHG\_V |  |  |
| /BMS/BATT/MIN\_DISCHG\_V |  |  |
| /BMS/BATT/FORCE\_CHG\_REQ\_LOW\_SOC |  |  |
| /BMS/BATT/FORCE\_CHG\_REQ\_CALIB\_SOC |  |  |
| /BMS/BATT/CHG\_PERMITTED |  |  |
| /BMS/BATT/DISCHG\_PERMITTED |  |  |
| /BMS/BATT/STATE |  |  |
| /BMS/BATT/TEMP |  |  |
| /BMS/BATT/SOC |  |  |
| /BMS/BATT/SOH |  |  |
| /BMS/FLT/DISCHG\_OVER\_I |  |  |
| /BMS/FLT/CHG\_OVER\_I |  |  |
| /BMS/FLT/UNDER\_TEMP |  |  |
| /BMS/FLT/OVER\_TEMP |  |  |
| /BMS/FLT/UNDER\_V |  |  |
| /BMS/FLT/OVER\_V |  |  |
| /BMS/FLT/CELL\_V\_DIFF\_HIGH |  |  |
| /BMS/FLT/COMMS |  |  |
| /BMS/FLT/SYSTEM |  |  |
| /BMS/WRN/DISCHG\_HIGH\_I |  |  |
| /BMS/WRN/CHG\_HIGH\_I |  |  |
| /BMS/WRN/HIGH\_TEMP |  |  |
| /BMS/WRN/LOW\_TEMP |  |  |
| /BMS/WRN/HIGH\_V |  |  |
| /BMS/WRN/LOW\_V |  |  |
| /BMS/WRN/CELL\_V\_DIFF\_HIGH |  |  |
| /BMS/WRN/COMMS |  |  |
| /BMS/WRN/HIGH\_TEMP |  |  |
| /BMS/WRN/LOW\_TEMP |  |  |
| /BMS/WRN/HIGH\_V |  |  |
| /BMS/WRN/LOW\_V |  |  |
| /BMS/WRN/CELL\_V\_DIFF\_HIGH |  |  |
| /BMS/WRN/COMMS |  |  |