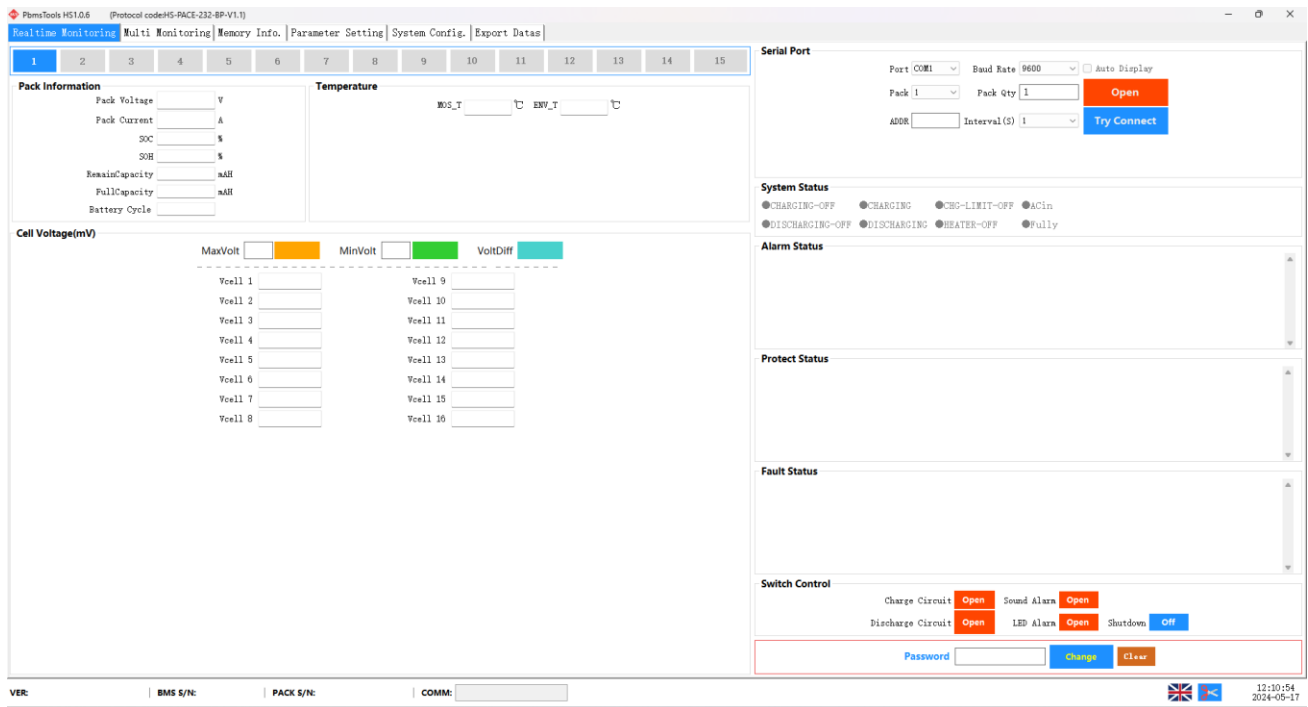


GP-PC200 BMS PC Software Explanation

Contents

Term Definitions in Parameter Settings Tab 2

Term Definitions in System Config. Tab 5



Term Definitions in Parameter Settings Tab

Cell OV Alarm (V): Cell Over Voltage Alarm (over this value, an alarm will be triggered)

Cell OV Protect (V): Cell Over Voltage Protect (over this value, charge will be disabled)

Cell OVP Release (V): Cell Over Voltage Release (below this value, charge will be enabled)

Cell OVP Delay Time (mS): Cell Over Voltage Protection Delay Time

Pack OV Alarm (V): Pack Over Voltage Alarm (over this value, an alarm will be triggered)

Pack OV Protect (V): Pack Over Voltage Protect (over this value, charge will be disabled)

Pack OVP Release (V): Pack Over Voltage Release (below this value, charge will be enabled)

Pack OVP Delay Time (mS): Pack Over Voltage Protection Delay Time

Cell UV Alarm (V): Cell Under Voltage Alarm (under this value, an alarm will be triggered)

Cell UV Protect (V): Cell Under Voltage Protect (under this value, discharge will be disabled)

Cell UVP Release (V): Cell Under Voltage Protect Release (over this value, discharge will be enabled)

Cell UVP Delay Time (mS): Cell Under Voltage Protect Delay Time

Pack UV Alarm (V): Pack Under Voltage Alarm (under this value, an alarm will be triggered)

Pack UV Protect (V): Pack Under Voltage Protect (under this value, discharge will be disabled)

Pack UVP Release (V): Pack Under Voltage Protect Release (over this value, discharge will be enabled)

Pack UVP Delay Time (mS): Pack Under Voltage Protect Delay Time

CHG OC Alarm (A): Charge Over Current Alarm (BMS sends this value to inverter to limit charge current)

CHG OC Protect (A): Charge Over Current Protect (over this value, charge current will be limited to 20A, discharge will release the limit)

CHG OCP Delay Time (mS): Charge Over Current Protect Delay Time

DSG OC Alarm (A): Discharge Over Current Alarm (BMS sends this value to inverter to limit discharge current)

DSC OC 1 Protect (A): DSC Over Current Protect 1 (over this value, discharge will be disabled)

DSC OCP 1 Delay Time (mS): Discharge Over Current Protect 1 Delay Time

DSC OC 2 Protect (A): DSC Over Current Protect 2 (over this value, discharge will be disabled)

DSC OCP 2 Delay Time (mS): Discharge Over Current Protect 2 Delay Time

SCP Delay Time (μS): Short Circuit Delay Time

CHG OT Alarm (°C): Charge Over Temperature Alarm (over this value, an alarm will be triggered)

CHG OT Protect (°C): Charge Over Temperature Protect (over this value, charge will be disabled)

CHG OTP Release (°C): Charge Over Temperature Protect Release (under this value, charge will be enabled)

DSG OT Alarm (°C): Discharge Over Temperature Alarm (over this value, an alarm will be triggered)

DSG OT Protect (°C): Discharge Over Temperature Protect (over this value, discharge will be disabled)

DSG OTP Release (°C): Discharge Over Temperature Protect Release (under this value, discharge will be enabled)

CHG UT Alarm (°C): Charge Under Temperature Alarm (under this value, an alarm will be triggered)

CHG UT Protect (°C): Charge Under Temperature Protect (under this value, charge will be disabled)

CHG UTP Release (°C): Charge Under Temperature Protect Release (over this value, charge will be enabled)

DSG UT Alarm (°C): Discharge Under Temperature Alarm (under this value, an alarm will be triggered)

DSG UT Protect (°C): Discharge Under Temperature Protect (under this value, discharge will be disabled)

DSG UTP Release (°C): Discharge Under Temperature Protect Release (over this value, discharge will be enabled)

Balance Threshold (V): Balancer Start Voltage (cell whose voltage is over this value, passive balance starts, and 'BL' icon shows at the monitor tab)

Balance ΔVcell (mV): Min Cell Voltage Difference to Start Balance (over this value, passive balancer on BMS will be on)

Sleep Vcell (V): BMS Sleep Voltage (below this value, BMS will go to standby mode if no charge voltage detected. If charger available again, BMS will wake up automatically)

Delay Time (min): Delay Time of BMS Sleep

Pack FullCharge Voltage (V): BMS sends this value to inverter to limit max charge voltage.

Pack FullCharge Current (mA): If charge current is smaller than this value, also battery voltage equals to Pack FullCharge Voltage, battery is labeled as Fully and SOC is set to 100%.

SOC Low Alarm (%): If battery SOC is lower than this value, an alarm will be triggered.

Term Definitions in System Config. Tab

Voltage (mV): Do not change

Current (mA): Do not change

Cell Number Setting: Battery Cell Number

CHG Current Setting: Do not change

Gap Charge Setting: Do not change

Capacity (MAH)

DesignCapacity: Nominal Capacity

RemainCapacity: Remain Capacity (change this value to adjust SOC value)

FullCapacity: Actual Capacity

Battery Cycle Setting: Automatically increase cycle by cycle

Inverter Protocol: Choose which inverter to connect

Manufacture Information: Do not change