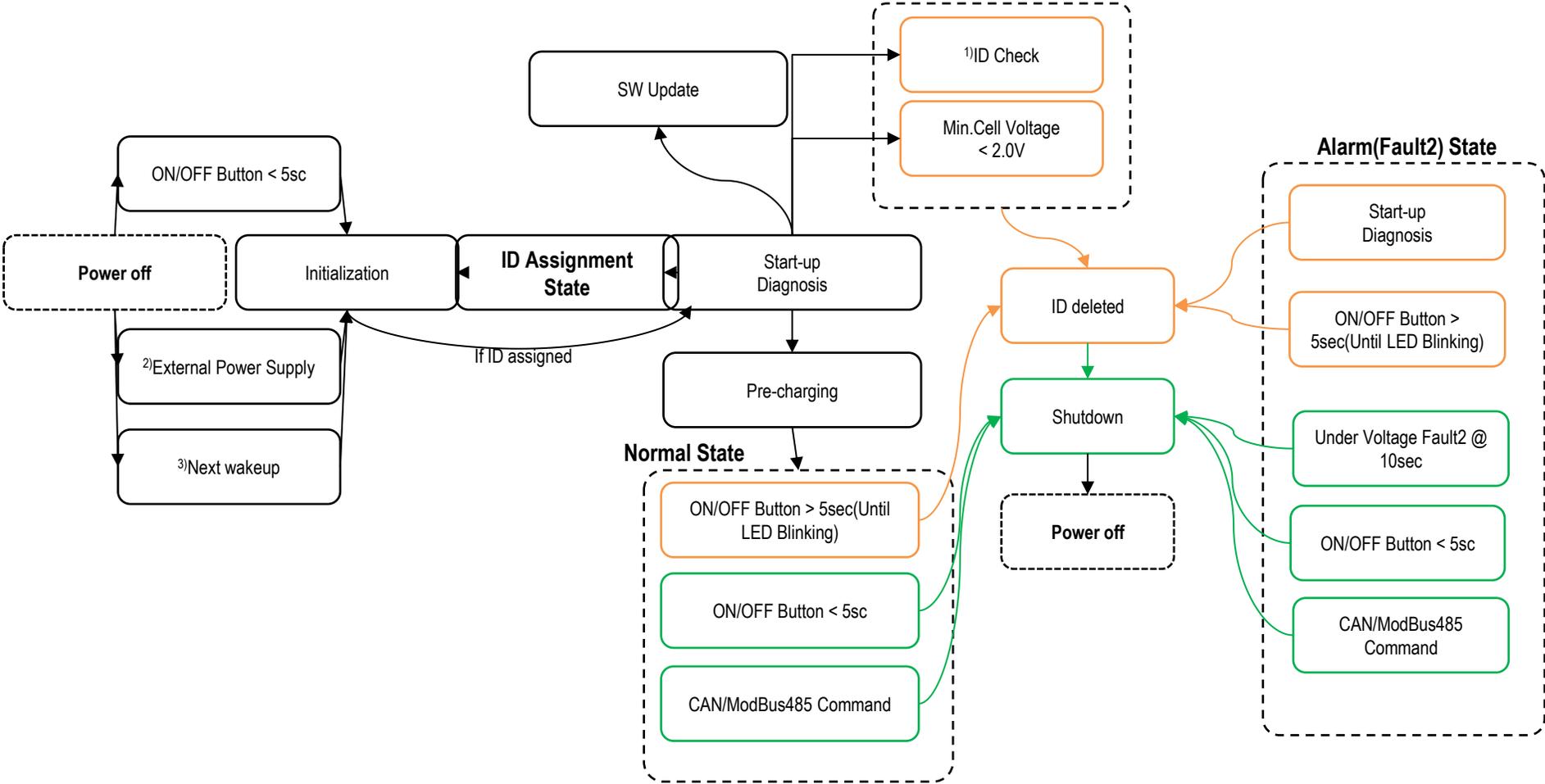
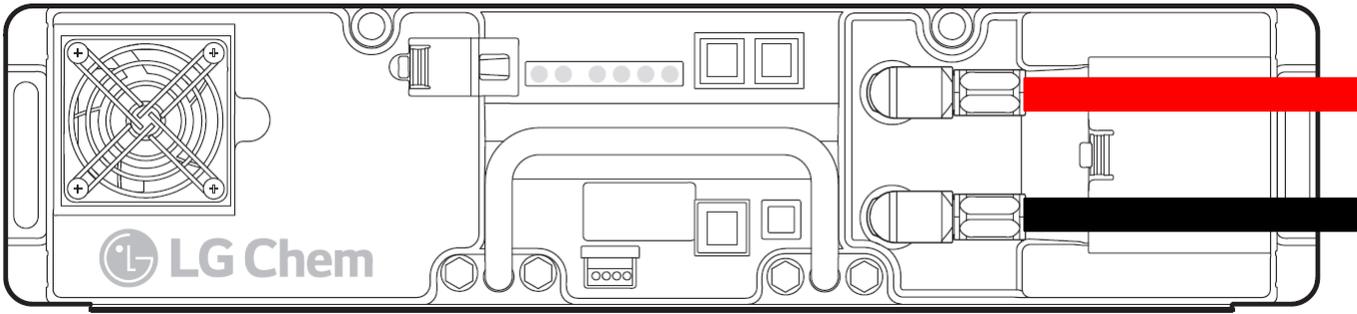


2. State Machine



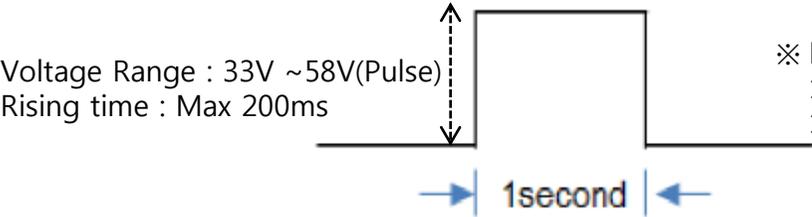
1) ID Check : Multi-Master and Multi-Slave Check
 2) External Power Supply : ID must be assigned before power supply. see the spec and sequence at the page2.
 3) Next wakeup : ID must be assigned before power supply. see the spec and sequence at the page3.

3. Standalone gen2 Wake up by External power supply



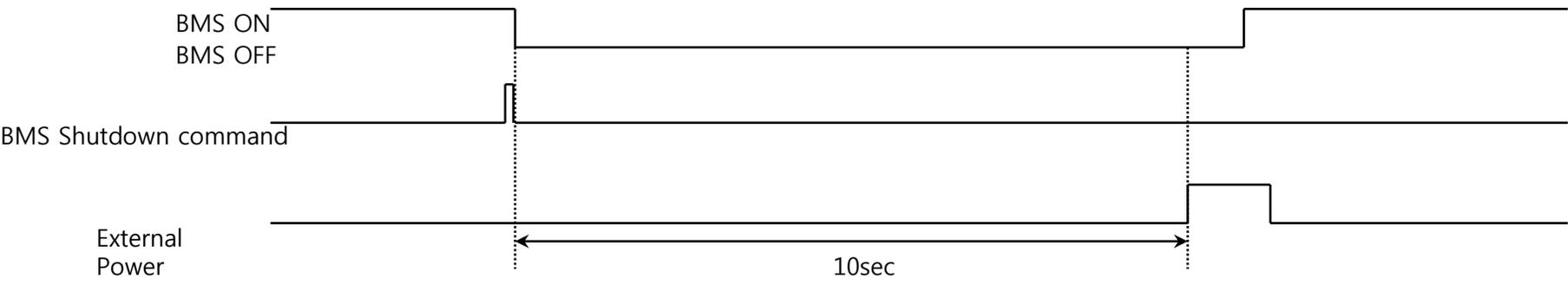
Supply power for BMS
Wake up by External
power

1. External power supply duration and Voltage spec



- ※ External Voltage don't have over 5V when BMS shut down status.
- > If External voltage is 0V, you can supply 33V ~ 58V external power for BMS wake up.
- > If External voltage is Max 5V, you can supply 38V ~ 58V external power for BMS wake up.

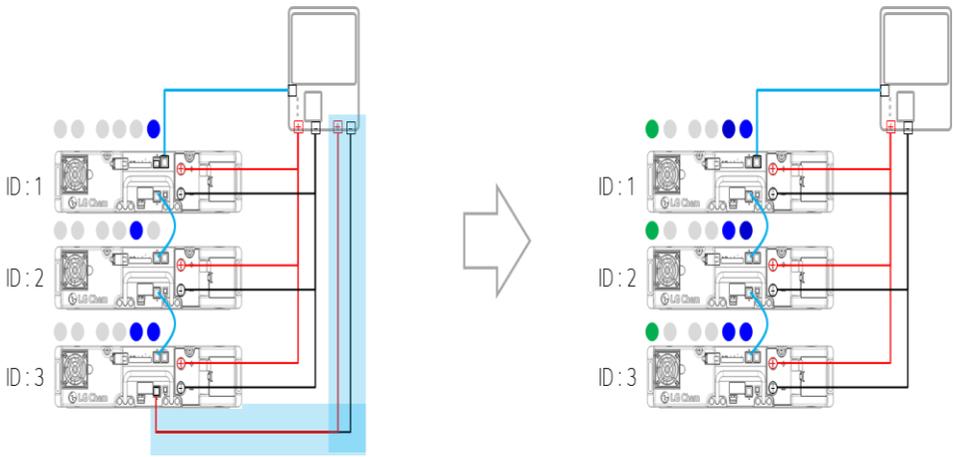
2. External Power wake up sequence for BMS Wake up



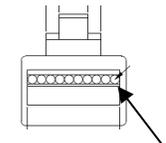
3. Standalone gen2 Wake up by Communication port

(1) Position for Wake up cable configuration

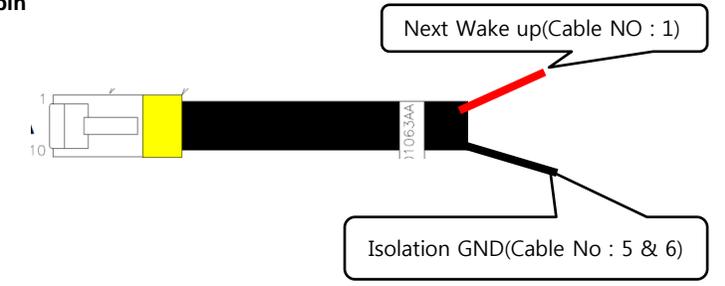
- 1) Wake up cable have to Insert RJ48 communication port of last module.
- (※ RJ48 communication port of first module need for SLP(Logging & programming))



(2) Wake up cable configuration



Pin #	Description
1	Next wake up
2	
3	
4	
5	Isolation GND
6	Isolation GND
7	
8	
9	
10	



- 1. Voltage range : 5V ~ 13V
- 2. Recommended Current : 5mA ~ 25mA
- ※ Current never over 30mA(if you supply over 30mA, BMS component will be damaged).

(3) Internal circuit at BMS and Wake up signal

Next Wake up(Cable NO : 1)

- 1. Voltage range : 5V ~ 13V
- 2. Recommended Current : 5mA ~ 25mA
- ※ **Current never over 30mA(if you supply over 30mA, BMS component will be damaged).**

Isolation GND(Cable No : 5 & 6)

