

Backup Battery Control Unit

Developing

Background

- Stable power supply to a specific load is required for failed power in an advanced driving support system.

Function

- Supply power safely to stop a car depending on the battery condition in case of power failed

Feature

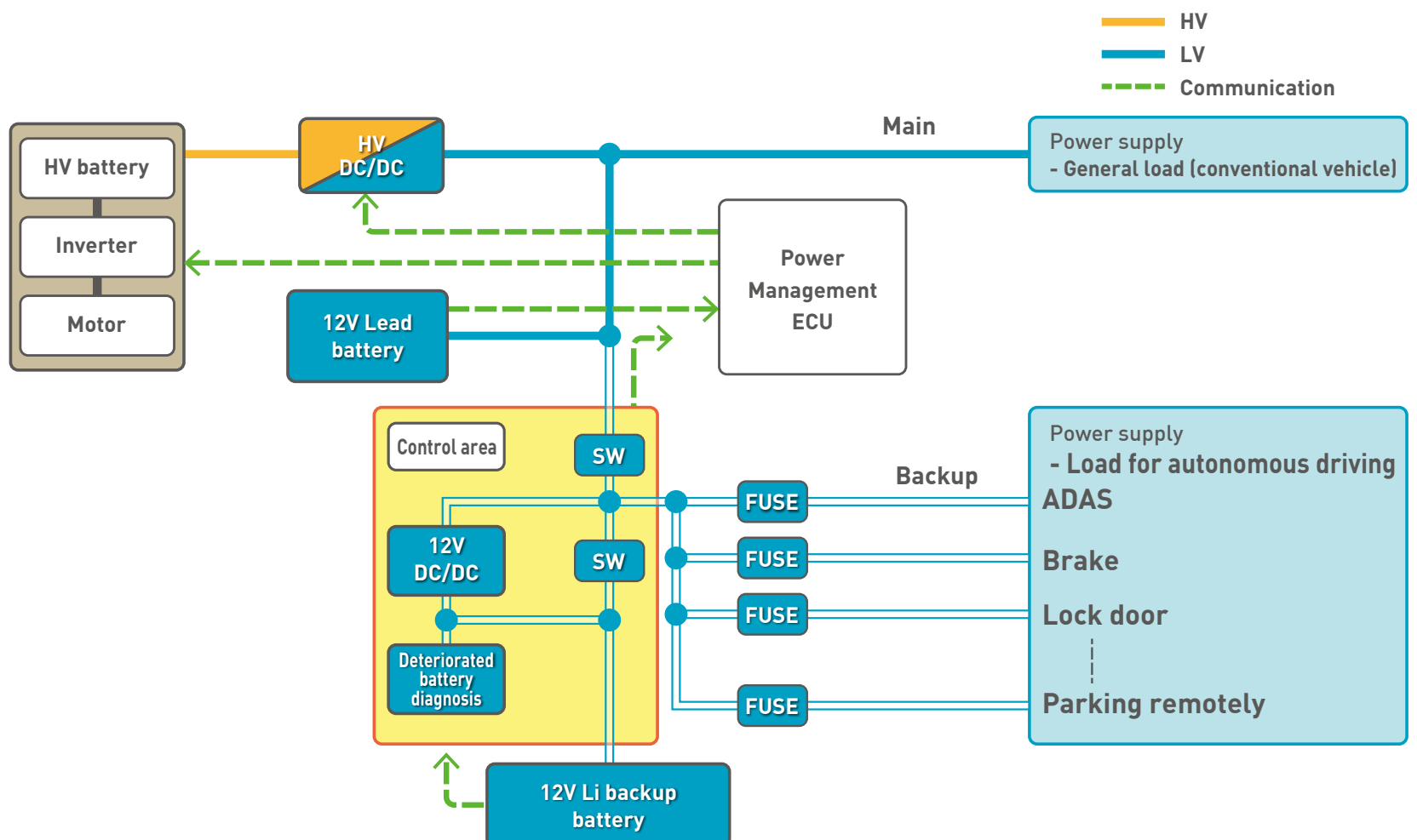
- Self-contain from detecting failed power to backup
- Maintain and control battery charging state based on checking the deterioration

Performance/Specification

Main Features

- Detect failures
 - Failed main power
 - Overcurrent
 - Overtemperature
- Cutout routes
- Detect backup battery status & control charging

System Figure



*Using 12V Li back up battery for failed main power