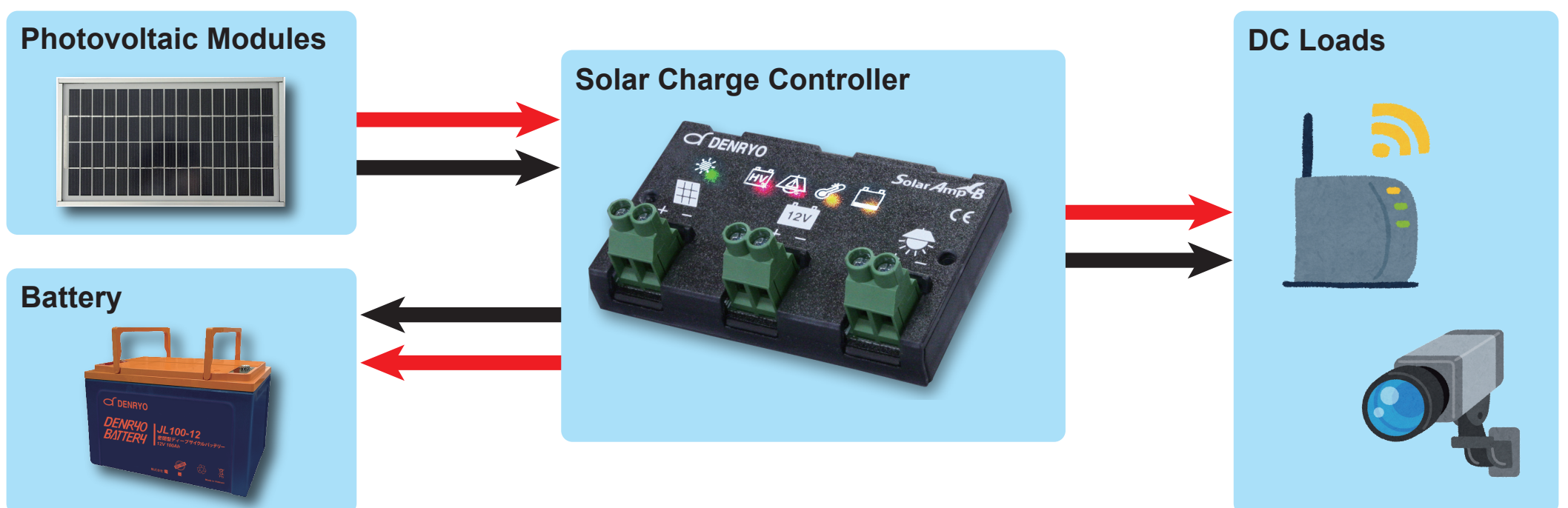


# Stand Alone PV Systems



## Example of system diagrams



## System Overview

This is an automatic IoT communication unit equipped with a stand alone PV system. The power generated from the photovoltaic modules is stored in the battery and supplies power to the communication device and measurement system. It is used in combination with observation systems such as water level gauges and landslide meters to monitor the environment and aggregate data. The data is transmitted to the server via communication devices.

## Features

### Securing of stable power for remote area

The commercial power is not available in areas such as in the mountains or riverbeds. A stable power can be secured by using stand alone PV systems.

### Easy to move

A small size stand alone PV system can be moved easily. It is convenient to be used at construction site or meteorological monitoring site that moving frequently.

