

## Lithium Ion Batteries

Olivine-type lithium iron phosphate batteries with excellent thermal stability and storage characteristics are used in this product. The module also incorporates a self-monitoring function, for detection of any abnormalities in energy storage. The monitored status can be communicated to an external controller to safely control the usage state of the battery. The battery can be expected to remain serviceable for more than 10 years, provided it is charged and discharged once in a day at room temperature (23 deg. C) It get charge More than 90% of the capacity can be charged in one hour. Multiple energy storage modules can be connected to the controller, and voltage and capacity can be customized according to the intended use.

### Applicable standards

- UL 1973
- CE mark
- EMC 60950-1 safety insulated structure
- UN class9 transportation regulation
- JET SBA (Japan)

