e) It is recommended not to continuously connected to the device / equipment to maintain battery performance.

8. Exposure Controls/Personal Protection

In case of electrolyte leakage.

(1) Allowable density: Not specified [Japan Society for Occupational Health(2008 edition), ACGIH(2008 edition)]

(2) Facility Measures: Be careful of ventilation at the location of the leak, use local exhaust ventilation.

(3) Protective equipment: Wear a gas mask for organic gas, rubber gloves (oil resistant, insulating), safety shoes (static electricity prevention), and protective glasses.

(4) Precautions: Electrolyte is flammable, so avoid fire (including static electricity).

9. Physical and chemical properties

(1) Rated Capacity: 5.0 Ah

(2) Nominal Voltage: 140.6 V

(3) Nominal Energy Content: 0.7 kWh

(4) Visual Appearance: Stores 38 single cells as a module assembly

10. Stability and reactivity

As cells are to convert energy to current power directly by chemical reaction, performance degradation occurs after use or leaving for a long period of time. In case that surrounding environment and use of conditions cannot be maintained properly, equipment may be damaged due to performance deterioration and/or leak of cells.

In addition, this cell contains flammable substances such as electrolyte, and if used improperly, it may cause deformation, leakage (electrolyte inside the battery may come out), heat generation, rupture, or fire.

Be sure to follow "7. Handling and Storage " as these may cause injury or equipment failure.

The electrolyte is irritating to skin and eyes, and inhalation of high-concentration vapors may cause acute poisoning, and moisture may produce hydrofluoric acid.

In addition, cells may electrolyze water and generate hydrogen when submerged.

11. Toxicological information

No toxic substances occur during routine use and handling. However, if the battery is damaged due to improper use and the electrolyte leaks, the electrolyte has the following hazard information.