


PRODUCT SAFETY DATA SHEET

IDENTITY	Product Category	: Lithium-Ion Rechargeable Battery
	Model Name	: US18650V3B
	Nominal Capacity	: 2100mAh (7.8Wh)
	Rated Capacity	: 2000mAh (7.4Wh)
	Average Operating Voltage	: 3.7V
	Chemical System	: Lithium Transition Metal Oxides /Carbon
	Designed for Recharge	: <input checked="" type="checkbox"/> Yes. <input type="checkbox"/> No.

Lithium ion batteries are not subject to dangerous goods regulation for the purpose of transportation by the U.S. Department of Transportation (DOT), the International Civil Aviation Organization (ICAO), the International Air Transport Association (IATA) or the International Maritime Dangerous Goods regulations (IMDG). With regard to air transport, the International Civil Aviation Organization (ICAO) Packing Instruction 965 Section II complies with the Recommendation as is; further, the International Air Transport Association (IATA) adopts ICAO Packing Instruction 965 Section II. In addition, the regulations of the US Department of Transportation for land, sea and air transportation are based on the UN Recommendations.

SECTION I MANUFACTURER'S INFORMATION

Manufacturer's Name	: Sony Energy Devices Corporation
Manufacturer's Address	: 1-1 Shimosugishita, Takakura, Hiwada-machi, Koriyama-shi, Fukushima, 963-0531 Japan
Manufacturer's Telephone	: +81-50-3807-3059
Date Prepared	: Aug. 20, 2012
Signature of Paper	: 

SECTION II MATERIALS AND INGREDIENTS INFORMATION

IMPORTANT NOTE: The battery should not be opened or burned since the following ingredients contained within the battery that could be harmful under some circumstance if exposed or misused.

The battery contains neither metallic lithium nor lithium alloy.

Cathode	: Lithium Nickel Cobalt Manganese Oxides (active material)
	Polyvinylidene Fluoride (binder)
	Graphite (conductive material)
Anode	: Graphite (active material)
	Polyvinylidene Fluoride (binder)
Electrolyte	: Organic Solvent (non-aqueous liquid)
	Lithium Salt
Others	: Heavy metals such as Mercury, Cadmium, Lead, and Chromium are not used in the batteries.

SECTION III FIRE HAZARD DATA

In case of fire, use CO₂, dry chemical extinguishers or a large amount of water.

SECTION IV HEALTH HAZARD DATA

Under normal condition of use, these chemicals are contained in sealed can. Risk of exposure occurs only if the battery is mechanically abused.

- Inhalation : Contents of an opened cell can cause respiratory irritation.
Remove to fresh air immediately and call a doctor.
- Skin Contact : Contents of an opened cell can cause skin irritation.
Wash skin with soap and water.
- Eye Contact : Contents of an opened cell can cause eye irritation.
Immediately flush eyes thoroughly with water for at least 15 minutes. Seek medical attention.

SECTION V PRECAUTIONS FOR SAFE HANDLING AND USE

- Storage : Store within the recommended limit of -20°C to 45°C (-4°F to 113°F), well-ventilated area. Do not expose to high temperature(60°C/140°F). Since short circuit can cause burn hazard or safety vent to open, do not store with metal jewelry, metal covered tables, or metal belt.
- Handling : Do not disassemble, crush, or solder. Do not short + and - terminals with a metal. Do not open the battery.
- Charging : Charge within the limits of 0°C to 45°C(32°F to 113°F) temperature.
Charge with specified charger designed for this battery.
- Discharging : Discharge within the limits of -20°C to 60°C(-4°F to 140°F) temperature.
- Disposal : Dispose in accordance with applicable federal, state and local regulation.
- Caution : Fire, Explosion, and Severe Burn Hazard. Do not Crush, Disassemble, Heat Above 100°C/212°F, or Incinerate.

SECTION VI SPECIAL PROTECTION INFORMATION

- Respiratory Protection : Not necessary under normal use.
Ventilation : Not necessary under normal use.
Eye Protection : Not necessary under normal use.
Protective Gloves : Not necessary under normal use.

DISCLAIMER

The information contained within is provided for your information only.

The information and recommendations set forth herein are made in good faith and are believed to be accurate as of the date of preparation.

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