

**SONY**

Model NP-F200

**Sony Energytec Inc.**

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Page 1 of 2

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**PRODUCT SAFETY DATA SHEET**

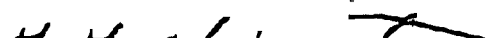
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**IDENTITY**    **Product Category**                    : Lithium-Ion Rechargeable Battery  
                 **Model Name**                         : US18650S  
                 **Nominal Capacity**                 : 1350 mAh  
                 **Average Operating Voltage**       : 3.6 V  
                 **Chemical System**                   : Lithium Cobalt Dioxide / Carbon  
                 **Designed for Recharge**           : ☒ Yes.   ☐ No.

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**SECTION I    MANUFACTURER'S INFORMATION**

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**Manufacturer's Name**    : Sony Energytec Inc.  
**Supplier's Name**        : Sony Corporation Recording Media & Energy Company  
**Supplier's Address**     : 1-11-1 Oosaki, Shinagawa-ku, Tokyo 141-0082 Japan  
**Information Telephone** : Japan +81-3-5435-3279 (Sony Corp. RME Co.)  
**Emergency Telephone** : Japan +81-3-5435-8282 (Sony Corp. RME Co.)  
**Date Prepared**         : February 18, 1999  
**Signature of Paper**    : 

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**SECTION II   MATERIAL AND INGREDIENTS INFORMATION**

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**Important Note:**    The battery should not be opened or burned since the following ingredients contained within the product that could be harmful under some circumstance if exposed or misuse.  
                         The battery contains neither metallic lithium nor lithium alloy.

**Cathode**            : Lithium Cobalt Dioxide    (activity)  
                         Polyvinylidene Fluoride    (binder)  
                         Graphite                     (conductivity)

**Anode**             : Carbon                     (activity)  
                         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 cells.

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**SECTION III   FIRE HAZARD DATA**

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In case of fire, use CO<sub>2</sub> or dry chemical extinguishers.

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**SECTION IV HEALTH HAZARD DATA**

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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 battery can cause respiratory irritation.  
Provide fresh air and call a doctor.

**Skin Contact** : Contents of an opened battery can cause skin irritation.  
Wash skin with soap and water.

**Eye Contact** : Contents of an opened battery can cause eye irritation.  
Immediately flush eyes thoroughly with water for at least 15 minutes.  
Seek medical attention.

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**SECTION V PRECAUTIONS FOR SAFE HANDLING AND USE**

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**Storage** : Store in a cool, 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 temperature.  
Charge with specified charger designed for this battery.

**Discharging** : Discharge within the limits of -20 °C to 60 °C temperature.

**Disposal** : Dispose in accordance with applicable federal, state and local regulations.

**Warning** : Fire, Explosion, and Severe Burn Hazard, Do not Crush, Disassemble, Heat Above 212 °F. Or Incinerate.

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**SECTION VI SPECIAL PROTECTION INFORMATION**

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**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.