

Client Name :

Client Address :

Client Phone No.

Page 1/3

PRODUCT SAFETY DATA SHEET

IDENTITY	Product Category	: Lithium-Ion Rechargeable Battery Pack
	Model Name	: NP-FM50
	Nominal Capacity	: 8.5Wh (1180mAh)
	Nominal Voltage	: 7.2V
	Configuration of cell	: 2 series strings Total 2 cells
	Chemical System	: Lithium-Cobalt Dioxide / Carbon
	Designed for Recharge	: <input checked="" type="checkbox"/> Yes. <input type="checkbox"/> No.

SECTION MANUFACTURER'S INFORMATION

Supplier's Name	: Sony Corporation Mobile Network Company
Supplier's Address	: 2-15-3 Konan Minato-ku Tokyo 108-6201 JAPAN
Emergency Telephone	: 1-800-424-9300
Product Information	: SONY Electronics Inc. http://www.sel.sony.com
Product Information Line	:
Recycle Information	: Rechargeable Battery Recycle Corporation (RBRC) http://www.rbrc.org
Recycle Information Line	: 1-800-822-8837 For information locating a near by battery recycle center

SECTION HAZARDOUS INGREDIENTS

IMPORTANT NOTE : The battery pack is used two ICR18650 type lithium-ion rechargeable battery cells and control circuit on the Printed Wiring Board. (PWB)
The batteries should not be opened or burned since the following ingredients contained within the product that could be harmful under some circumstance if exposed or misused.
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
Battery cell Can	: Stainless and Nickel
Battery Enclosure	: Polycarbonate (PC)
Battery Terminal	: Phosphor Bronze with Nickel coating
PWB	: Fiber Grass FR-4 (Halogen Free Copper clad laminate type)
Solder (Main)	: Lead Free solder (Sn-3.0Ag-0.5Cu) are used in Printed Wiring Board solder without preliminary solder for discrete parts terminal.
Others	: Heavy metals such as Mercury, Cadmium, and Chromium are not used in the Battery Pack.
Caution	: Do not incinerate. Do not expose to high temperatures 60°C (140°F). Do not disassemble. The battery may not use halogen free and lead free materials depending on the battery pack manufacturing DATE.

SECTION FIRE HAZARD DATA

In case of fire, use CO₂ or dry chemical extinguishers.

SECTION HEALTH HAZARD DATA

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

- Inhalation : Contents of an opened cell can cause respiratory irritation.
Provide fresh air 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 PRECAUTIONS FOR SAFE HANDLING AND USE

- Storage : Store in a cool, dry and 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, modify or solder. Do not short + and - terminals with a metal.
Do not open the battery pack.
- Charging : Charge within the limits of 0°C ~ 40°C (32°F ~ 104°F) temperature.
Charge with specified charger designed for this battery pack.
We recommend charging in an ambient of 10°C ~ 30°C (50°F ~ 86°F) temperature.
- Discharging : Discharge within the limits of 0°C ~ 40°C (32°F ~ 104°F) temperature.
- Disposal : Dispose of properly. In some areas the disposal of lithium ion batteries in household or business trash may be prohibited.
- Caution : Burn Hazard. Do not disassemble, crush, puncture, or incinerate.
Do not short external contacts. Do not expose to any mechanical shock.

SECTION 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.

SECTION OTHER INFORMATION

DIMENSIONS : Approx. 38.2×20.5×55.6mm (1 9/16×13/16×2 1/4 inches) Width/Height/Depth

MASS : Approx. 76g (2.7 oz)

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. However, SONY Electronics INC., MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THIS INFORMATION AND DISCLAIMS ALL

SONY

Issued Date: March 28, 2003 Issued No .

Page 3/3

LIABILITY FROM RELIANCE ON IT.