

SONY

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P R O D U C T S A F E T Y D A T A S H E E T

IDENTITY	Product Category	: Lithium-Ion Rechargeable Battery Pack
	Model Name	: NP-FP50
	Nominal Capacity	: 4.9Wh (680mAh)
	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 IT&Mobile Solutions Network Company
Supplier's Address	: Shinagawa INTERCITY 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
Support Information Line	: 1-800-222-7669 http://www.ita.sel.sony.com/support/dvimag
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 ICR14430 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 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
Anode Can	: Stainless and Nickel
Battery Enclosure	: Polycarbonate (PC)
Battery Terminal	: Phosphor Bronze with Nickel coating
PWB	: Fiber Glass FR-4(Halogen Free Copper clad laminate type are used)
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 used 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. 31.8×18.5×45.0mm (1 5/16×3/4×1 13/16 inches) Width/Height/Depth
MASS	: Approx. 45g (1.6 oz)

DISCLAIMER

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