

QAF-033-2

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**SONY**

Sony Corporation CNC Energy Company  
1-11-1 Osaki Shinagawa-ku Tokyo 141-0032 JAPAN  
Phone: 81-3-5435-3282 Fax: 81-3-5435-3448

No. MZ-09-00003

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**PRODUCT SAFETY DATA SHEET**


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IDENTITY	Product Category	: Lithium-Ion Rechargeable Battery Pack
	Model Name (Bland)	: QN-022BP (SONY)
	Nominal Capacity	: 750 mAh
	Average Operating Voltage	: 7.2 V
	Chemical System	: Lithium-Cobalt Dioxide / Carbon
	Designed for Recharge	: <input checked="" type="checkbox"/> Yes. <input type="checkbox"/> No.

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**SECTION I MANUFACTURER'S INFORMATION**

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Supplier's Name	: Sony Corporation CNC Energy Company
Supplier's Address	: 1-11-1 Osaki Shinagawa-ku Tokyo 141-0032 JAPAN
Information Telephone	: Japan +81-3-5435-3282
Emergency Telephone	: Japan +81-3-5435-3448
Date Prepared	: January 19, 2000
Signature of Paper	: 

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**SECTION II MATERIALS AND INGREDIENTS INFORMATION**

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**IMPORTANT NOTE :** The battery pack is used two US083448 lithium-ion rechargeable cells and control circuit on the PWB.

The cells are connected in 1 parallel string of 2 cells in series.

The battery pack should not be opened or burned since the following ingredients contained within the cells that could be harmful under some circumstance if exposed or misuse.

The cells contain 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.
Enclosure	: Plastic(PC)

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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 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 5 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, remodel, or solder. Do not short + and - terminals with a metal.  
Do not open the battery pack.
- Charging** : Charge within the limits of 0 °C to 45 °C temperature.  
Charge with specified charger designed for this battery pack.
- Discharging** : Discharge within the limits of -10 °C to 60 °C temperature.
- Disposal** : Dispose in accordance with applicable federal, state and local regulation.
- Caution** : Do not incinerate. Do not disassemble. Do not short terminals. Do not expose to high temp.(140°F/60°C). Use specified charger only.

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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.