

Types: Series RS, RSH, RSE, RST, RSQ
 Chemical system: NiOOH / KOH / Cd - Rechargeable
 Voltage: 1.2 V

1. Type, Capacity and Weight

| Series | Cell Type | Typical Capacity [mAh] | Weight [g] |
|---------|-----------|------------------------|------------|
| RS ... | 520 RS | 570 | 19 |
| | 600 RS | 680 | 24 |
| RSH ... | RSH 1.3 | 1400 | 50 |
| | RSH 2 | 2200 | 75 |
| | RSH 4 | 4600 | 147 |
| | RSH 7 | 7800 | 237 |
| RSE ... | 260 RSE | 300 | 11.5 |
| | 700 RSE | 775 | 24 |
| | 1400 RSE | 1500 | 32 |
| | RSE 1.7 | 1750 | 55 |
| | RSE 2.4 | 2600 | 70 |
| | RSE 5 | 5500 | 155 |
| RST ... | 100 RST | 100 | 8 |
| | 500 RST | 575 | 24 |
| | RST 1.2 | 1400 | 50 |
| | RST 1.8 | 2000 | 67 |
| | RST 4 | 4500 | 147 |
| RSQ ... | RST 7 | 7300 | 237 |
| | RSQ 1.2 | 1500 | 52 |
| | RSQ 1.4 | 1600 | 52 |
| | RSQ 4 | 4600 | 165 |

2. Ingredients

| Material | Approx. percentage of total weight [%] |
|---------------------------------------|--|
| Nickelhydroxide, Ni (OH) ₂ | 11 - 13.5 |
| Nickel, metallic, Ni | 10 - 27 |
| Cadmium, metallic (calculated), Cd | 20 - 21 |
| Electrolyte (KOH/NaOH/LiOH) | 9.5 - 12.5 |

Components firmly sealed within Ni-plated steel case.

3. Safety Guideline

- 3.1 Keep out of the reach of children. If swallowed, contact a physician at once.
- 3.2 In case leaked electrolyte adheres to skin, it may damage skin.
- 3.3 Released or spilled electrolyte shall be washed out by water to prevent damage of skin or eyes by electrolyte. Contact a physician at once.
- 3.4 Incineration, short circuit or unusual high current charge or reverse charge may cause fire or rupture and must be avoided.
- 3.5 Do not disassemble cells.
- 3.6 Do not solder on cell directly.
- 3.7 Battery compartment should provide air ventilation.
- 3.8 Do not short circuit, may cause burns.
- 3.9 Do not handle out of specification.
- 3.10 Battery of different electrochemical system, grades, or brands should not be mixed.
- 3.11 Waste batteries shall be disposed in accordance with appropriate regulations.
- 3.12 Extinguishing media: water, CO₂, sand
- 3.13 Cells operated beyond the limits of use given by the manufacturer's instructions may disrupt and release either gas (H₂/O₂) with explosive force and/or Electrolyte.
- 3.14 Defect and/or exhausted Ni-Cd batteries shall be collected and submitted for recycling. No disposal by throwing into open fire or into rubbish of household.