

TABLE 1 MOST POPULAR RECHARGEABLE-BATTERY TECHNOLOGIES AND THEIR CHARACTERISTICS

| Battery chemistry | Energy density (Whr/kg) | Charge cycles | Self-discharge rate (%/month) | Special disposal |
|----------------------|-------------------------|---------------|-------------------------------|------------------|
| Nickel metal hydride | 60 to 120 | 200 to 1000 | 30 | No |
| Nickel cadmium | 45 to 80 | 700 to 1300 | 20 | Yes |
| Lithium ion | 110 to 250 | 500 to 1000 | 0 to 10 | Yes |

Courtesy NanoMarkets, "Micro Power Sources: Opportunities from Fuel Cells and Batteries for Mobile Applications," September 2005.