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| Sommario/riassunto | Battery technology is advancing at a rate that has never before been seen. Lap-top computer buyers are demanding less weight & more computing time between battery recharges. Electric cars, which are needed for clearing pollution from the atmosphere, become practical when high-capacity batteries deliver over 50 watt-hours per kg. & service over 1000 charge/discharge cycle. Nickel-hydrogen batteries for spacecraft are already delivering 80 watt-hour per kg. & survived 130,000 charge/discharge cycles in tests which are continuing. Partial Contents: Electrical Vehicles; Military Applications; Space & Communications; Testing & Evaluation; Materials & Processes; Small Batteries; Battery Management; Lead Acid Batteries; Power Sources R & D. |