



**Project Notes: Battery Capacity    Secondary  
(Rechargeable)**

**Description:**        a) Energy Density of Nickel Cadmium Cells  
                               b) Energy Density of Nickel Metal Hydride Cells  
                               c) Energy Density of Lithium Ion

**Date: 12/11/2004**

a) Nickel Cadmium    V=1.2

| Name  | Capacity | <b>AA</b> | <b>C</b> | <b>D</b> |
|-------|----------|-----------|----------|----------|
| Sanyo | mAH      | 1100      | 2000     | 5000     |
|       |          |           |          |          |
|       |          |           |          |          |
|       |          |           |          |          |
|       |          |           |          |          |

b) Nickel Metal Hydride V= 1.2

| Name     | Capacity | <b>AA</b> | <b>C</b> | <b>D</b> |
|----------|----------|-----------|----------|----------|
| Duracell | mAH      | 2300      |          |          |
| ReZAP    | mAH      | 2200      |          |          |
|          |          |           |          |          |
|          |          |           |          |          |
|          |          |           |          |          |