

## Ambulatory Blood Pressure Monitor Battery Options

8 Nov 2004

Battery Type	Cost, US \$ (Note 2)	Weight	Volume	New Battery Voltage	Discharge Cutoff Voltage	Peak Current	10 day Service Current
AAA, Alkaline 3 cells in series (Note 1)	\$ 0.70 (Note 2)	1.23 oz. 34.8 g	0.69 in <sup>3</sup> 11.4 cm <sup>3</sup>	4.5 Volts	3.6 Volts	175 mA	6.5 mA
AA, Alkaline 3 cells in series (Note 1)	\$ 0.70 (Note 2)	2.43 oz. 68.7 g	1.47 in <sup>3</sup> 24.0 cm <sup>3</sup>	4.5 Volts	3.6 Volts	250 mA	14.4 mA
AA, NiMH 3 cells in series Energizer	\$5.27 (Note 2)	3.00 oz 84.3 g	1.47 in <sup>3</sup> 24.0 cm <sup>3</sup>	3.7 Volts	3.0 Volts	5000 mA	10.4 mA
AA, Nicad 3 cells in series (Note 1)	\$2.90 (Note 2)	2.55 oz 72.0 g	1.47 in <sup>3</sup> 24.0 cm <sup>3</sup>	3.7 Volts	3.0 Volts	5000 mA	2.7 mA
9V Alkaline (Note 1)	\$ 0.92 (Note 2)	1.65 oz 46.7 g	1.28 in <sup>3</sup> 21.0 cm <sup>3</sup>	9.0 Volts	7.2 Volts	100 mA	1.4 mA

Notes:

(1) Battery data from: Radio Shack Enercell Battery Guidebook, 2<sup>nd</sup> Edition. 1990.

Ratings for continuous, resistive load at Ta = 70 F (21.1 C).

(2) Digi-key 100 pcs, Feb 2004

(3) GREEN entries are rechargeable.