

Rechargeable AA

Rechargeable AA household batteries that meet ALL San Francisco purchasing criteria (low self-discharge - LSD, and high capacity - mAh).

Brand	Product Name	Capacity (mAh)	LSD Claim
1. Aibocn	EBL High-Capacity AA NiMH Precharged Rechargeable Batteries, 1500 Cycle	2800	Can maintain 75% of capacity after 3 years of non-use
2. Panasonic	Eneloop Pro AA High Capacity New Ni-MH Pre-Charged Rechargeable Batteries (Black label)	2550	Retains 85% of charge for 1 year when not in use
3. Sanyo	Eneloop 1.2V, 2500 mAh Rechargeable Batteries	2500	Maintains 75% charge after 1 year of non-use
4. PowerEx	Imedion Low Self-Discharge AA 2400 mAh Rechargeable Batteries	2400	Keeps up to 85% of charge after 1 year of storage
5. Duracell	Rechargeable Staycharged/Duralock AA Batteries	2400	Retains 80% of its charge after 12 months of storage
6. Amazon Basics	AA High-Capacity Pre-charged Rechargeable Batteries	2400	Stays 80% charged even after a full year of non-use
7. Sanyo	Eneloop AA Rechargeable Batteries	2000	Retains 85% of its charge for 1 year when not in use
8. Panasonic	Eneloop AA New 2100 Cycle Rechargeable Batteries (White label)	2000	Retains 90% of its charge for 1 year
9. Tenergy	Centura Low Self-Discharge AA Nickel-Metal Hydride Rechargeable Batteries	2000	Very slow self discharge; maintains 85% capacity after 1 year of storage and 70% residual capacity after 2 years of storage
10. Amazon Basics	AA Rechargeable Batteries	2000	Maintains 75% after 3 years

Rechargeable AA household batteries that meet capacity (mAh) criteria, but may not meet LSD criteria

Brand	Product Name	Capacity (mAh)	LSD Claim
1. SunLabz	AA Rechargeable Batteries with 2800 mAh	2800	Extremely gradual self-discharge, maintains 80% of capacity
2. Lenmar	Nickel-Metal Hydride AA NoMem Rechargeable Batteries	2700	Not enough information provided about ability of battery to maintain charge over time
3. PowerEx	MHRAA4 Rechargeable NiMH Batteries	2700	Not enough information provided about ability of battery to maintain charge over time
4. AA Portable Power Corp.	Powerizer AA Rechargeable Batteries	2600	Not enough information provided about ability of battery to maintain charge over time
5. Tenergy	Premium AA Nickel-Metal Hydride Rechargeable Batteries	2500	Not enough information provided about ability of battery to maintain charge over time
6. Energizer	Recharge Power Plus AA4 Rechargeable Batteries	2300	Charge lasts up to 12 months in storage

Rechargeable AA household batteries that meet low self-discharge (LSD) criteria, but do not meet capacity (mAh) criteria

Brand	Product Name	Capacity (mAh)	LSD Claim
1. Energizer	Recharge Universal Batteries	1400	Charge lasts up to 12 months in storage
2. Rayovac	Recharge Rechargeable Batteries	1350	Not enough information provided about ability of battery to maintain charge over time
3. Eveready	Rechargeable AA Batteries	1300	Ready to use for up to 1 year
4. Panasonic	Eneloop Lite AA Rechargeable Batteries (with blue label)[1]	1000	Retains 65–70% capacity after five years in storage

Reviewed by the Responsible Purchasing Network.

[See 2016 "Charging Ahead..." report for details](#)