



NanoSynthetic (NS) compared to Technologies Currently on the Market

	NanoSynthetic (NS)	Lead Acid (Lead)	Lithium Ion (Li-Ion)	Sodium Sulphur (NAS)
Cost	\$100/kwh	\$150 kWh	\$400 kWh	\$500 kWh
Cycle Life	10,000	300	350	4000
Years of Service	20	3	3.5	15
Efficiency	93%	75%	90%	89%
Cell Voltage	1.1v	2v	3.2v	2v
Toxic	No	Yes	Yes	Yes
Catch Fire	No	Yes	Yes	Yes
Explode	No	Yes	Yes	Yes
Simple to Make	Yes	No	No	No
Water Based	Yes	No	No	No
Tolerant to Abuse	Yes	No	No	No
NanoMaterial	Yes	No	No	No
Modular Build Block	Yes	No	No	Yes