

## Comparison between NiMH, Lead Acid and Li-Ion Battery at Similar Energy Level (360Wh)

Battery Type	Weight	Volume	Energy Density by weight/size	Cost (\$/Wh)
SLA (3x12V 10Ah)	10 kg	3270 cm <sup>3</sup>	36Wh/kg 0.11 Wh/cm <sup>3</sup>	\$0.20 /wh
NiMH (36V10Ah)	5.5 kg	2430 cm <sup>3</sup>	65Wh/kg 0.15 wh/cm <sup>3</sup>	\$1.00 / wh
Poly Li-Ion (8Ah)	1.75 kg	1340 cm <sup>3</sup>	170 wh/kg, 0.23 wh/cm <sup>3</sup>	\$1.25/wh
Poly Li-Ion (10Ah)	2.15 kg	1613 cm <sup>3</sup>	170Wh/kg 0.23Wh/cm <sup>3</sup>	\$1.20/wh

Cost is estimated based on retail price published from [www.batteryspace.com](http://www.batteryspace.com), in April 2007 which may change without notice