

Formula Hybrid Acumulator Data - 3/2/2010

BATTERIES

Manufacturer	Technology	Part Number	Capacity (Ah)	Nom. Voltage	Energy (Wh)	FH Price	
A123	Lithium-ion	ANR26650M1A	2.3	3.3	6.1	N/A	Available only in Dewalt Power Pack
Hawker EnerSys	Lead Acid	G13EP	13	12	124.8	\$107.40	
Hawker EnerSys	Lead Acid	G26EP	26	12	249.6	\$156.23	
Headway	LiFePo4	38120S	10	3.2	25.6	\$16.25	
Imax	Li-Polymer	3e Model 1203	2.2	3.7	6.5	\$6.25	
Johnson Controls	Lithium-ion	VL 6 P	6.5	3.6	18.7	\$55.00	
Lithium Technology Corp.	Lithium-Ion	45 Ah HP-602050	45	3.6	129.6	\$300.00	
Molicel	Lithium-ion	IMR-26700	2.9	4	9.3	\$8.80	
Odyssey	Lead Acid	PC1200	44	12	422.4	\$131.15	
Odyssey	Lead Acid	PC310	8	12	76.8	\$147.77	
Odyssey	Lead Acid	PC625	18	12	172.8	\$61.71	
Panasonic	NiMh	PCPM?	6.5	7.2	37.4	N/A	Availiable only in Prius Module
Power Sonic	Lead Acid	PS-12400	40	12	384.0	\$126.57	
Samsung	Lithium -Ion	ICR18650-24B	2.4	3.7	7.1	\$4.95	
Siduo	Lithium Polymer	LHC4820	20	50.4	806.4	\$959.84	
Tenergy Battery Corp.	Lithium Polymer	9073163	10	3.7	29.6	\$44.42	

CAPACITORS

Manufacturer		Part Number	Capacity (F)	Max. Voltage	Energy (Wh)	FH Price	
ESMA	Capacitor	EC501	6000	1.5	1.800	\$90.89	
Maxwell Technologies	Ultracapacitor	BCAP1500	1500	2.7	1.5	\$39.43	
Maxwell Technologies	Ultracapacitor	BCAP3000	3000	2.7	3.007	\$95.99	
Maxwell Technologies	Ultracapacitor	MC2600	2600	2.7	2.6	\$67.20	

MODULES

Manufacturer	Part Number	Quantity	Cell Mfgr.	Cell Part No.	Total Wh	FH Price	
Dewalt	DC9360	10	A123	ANR26650	60.7	\$170.00	
Milwaukee Tool	48-11-2830	7	Molicel	IMR-26700A	65.1	\$144.17	
Toyota Prius	G9510-47020	38	Panasonic	PCPM?	1422.7	\$2,985.13	
Zero Motorcycle	N/A	168	Molicel	IMR-26700A	1559.0	\$1,478.40	