

Pricing														
DKBLOCK Bill of Materials – All boards and parts except cells are separated out 05/21/16 Tim Economu Rev B 9/3/2019 Updated Rev B1 for new hardware supplier Aspen Fasteners														
Qty	QOH	Value	Description	1KPRICE	OTB turnkey 250pcprice	ext price 250	100PCPRICE	ext price 100	ext price 1k	days lead time	DK PN	Turnkey 100	Turnkey 1K	MPN
1		PCA	dkblock battery clamp board 3.7V revB	\$8.60	\$11.89	\$11.89	\$12.30	\$12.30	\$8.60		30 PCA1000			
1		PCA	dkblock battery clamp board 7.4V revB	\$8.60	\$11.76	\$11.76	\$12.30	\$12.30	\$8.60		30 PCA1001			
1		PCA	Pack Supervisor Rev A	?			?		?		30 PCA1002			
1		PCA	Block manager board rev B	\$16.00	\$37.58	\$37.58	\$29.00	\$29.00	\$16.00		30 PCA1003	28.51	15.54	
1	25gm	Contact grease	CG60 Contact grease	\$0.05			\$0.10	\$0.10	\$0.05		30			Electrolube CG60 25gm syringe (amazon)
36		10 Screw, clamp	18-8 Stainless Steel Truss Head Phillips Machine Screw, 4-40 Thread, 3/4" Length	\$0.03 in 10k pcs	\$0.03	\$1.08	\$0.03	\$1.08	\$1.08		7 SCR1001			Aspen Fasteners ASST1PTM4C75
4		100 screw, PCB hold	410 Stainless Steel Philips Thread forming Screw for Plastic, Pan Head, 2-28 Thread, 3/8" Length	\$0.21 in 1k pcs		\$0.85	\$0.10	\$0.40	\$0.85		7 SCR1000			Aspen Fasteners 262444235982
4		200 screw, busbar	Brass Binding Head Slotted Machine Screw, 8-32 Thread, 1/4" Length, Packs of 100	\$0.09 In 100 pcs		\$0.36	\$0.09	\$0.36	\$0.36		7 SCR1002			Mcmaster-carr 92443A190 with pn 92446A:
18		4 standoff	Aluminum Female Threaded Hex Standoff, 3/16" Hex, 1-3/4" Length	\$0.22		\$2.70	\$0.53	\$9.54	\$3.92		14 H1002			Mcmaster-carr 91780A038
2		2 ABS battery holder	Rev B Cell holder	\$0.75		\$2.80	\$3.00	\$6.00	\$1.50		30 H1003			ICOmold
2		busbar	copper busbar, 1/8in x3/4in x 1", 4 ea 8-32 roll tapped hol	\$0.60			\$1.50	\$3.00	\$1.20		30 H1004			Alaska Copper price is 18.4 cents/inch plus :
1		25 Microcontroller pcb	Teensy LC	\$10.00			\$11.18	\$11.18	\$10.00		10			Addicore Teensy LC
1		25 nRFL01+	RF radio for block comms	\$1.20			\$1.44	\$1.44	\$1.20		10			Addicore nRF24L01+
1		DC-DC converter	DC-DC 42V-176V input, 12VDC output MR0811S	\$27.40 In 10 pcs										Micropower Direct MR0811S-12RUI
1		DC-DC converter	DC-DC 13V-70VDC input, 12VDC output MR0802S	\$27.40 In 10 pcs										Micropower Direct MR0802S-12RUI
total cost w/o cells					\$61.26	\$69.02		\$85.26	\$52.16					
2X markup for OEM						\$138.03		\$170.51	\$104.32					
quote for Fido						\$124.23		\$165.00	\$90.00	(thinking that we are only ordering parts, same work as 100 pcs...				
\$/kwh @ 32ah*7.4V								\$0.70	\$0.38	AND WITH NO PACK SUPERVISOR PRICE....				
20			Panasonic/Sanyo NCR18650B Battery cells	\$4.00			\$5.00	\$100.00	\$80.00		20 CELL4000			
20			Samsung INR18650 29E	\$3.00			\$4.00	\$80.00	\$60.00		20 CELL4001			
20	505 on order		LG INR18650 MH1	\$3.37							CELL4002			
20														
			NRE – tooling for 20 cell ABS holder	\$11,400.00			Aero	\$6,600.00	Icomold	12wks/3.5wks				
			NRE – tooling for new PCB's											
			NRE – Block Manager PCB	\$258.00			OTB							