

These items are all subject to price change, discontinuance or modification by the manufacturer. This list was correct as of Jan 2020

Evaluated	3.7V Lithium-Ion Flat Packs with Built-in Protection Boost Module Required							mm (Metric)			Inch						
	Source	Model Name	Stock #	Type	Volts	mAh	Connector	Price	L	W	H	L	W	H			
	Adafruit	3.7V 350mAh	ID: 2750	Flat	3.7	350	JST-2.0	6.95	29	36	4.8	1.1	1.4	0.2			
	Adafruit	3.7V 400mAh	ID: 3898	Flat	3.7	400	JST-2.0	6.95	62	34	5.0	2.4	1.3	0.2			
	Adafruit	3.7V 500mAh	ID: 1578	Flat	3.7	500	JST-2.0	7.95	29	36	4.8	1.1	1.4	0.2			
	Adafruit	3.7V 1200mAh	ID: 258	Flat	3.7	1200	JST-2.0	9.95	34	62	5.0	1.3	2.4	0.2			
	CVP	3.7V 2000mAh	ID: 2011	Flat	3.7	2000	JST-2.0	13.00	59	36	7.6	2.3	1.4	0.3			
	Adafruit	3.7V 2500mAh	ID: 328	Flat	3.7	2500	JST-2.0	14.95	47	61	6.7	1.9	2.4	0.3			
	Adafruit	Lithium Ion Clylndrical 3.7V 2200mAh	ID: 1781	Cylindrical	3.7	2200	JST-2.0	9.95	69	18	18	2.7	0.7	0.7			
	Tenergy	Li-ion 18650 3.6V 2200mAh with / PCB	30011-02	Cylindrical	3.7	2600	Bare Wire	8.99	69	19	19	2.7	0.7	0.7			
<p>The loco and car measurements are approximate. You must measure your unit to insure battery fit. Battery dimensions are from manufacturer's datasheet. Actual unit may be slightly different.</p>									HO dummy A Loco old Athearn behind cab to rear			127.0	28.0	25.4	5.0	1.1	1.00
									HO Long Grain Hopper			152.4	30.5	25.4	6.0	1.2	1.00
									HO Athearn 40' box car Interior			140.0	31.8	30.5	5.5	1.3	1.20
									HO Dummy Narrow Hood SD7 behind cab to rear			127.0	17.8	27.9	5.0	0.7	1.10

Li-Ion Smart Charger

CVP	TLP-4000 Universal 1A Smart Charger (Auto Select 3.7, 7.4, 11.1, 14.8V)	Available from CVP Products
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Miniature 1A Boost Module (Similar to the Pololu Module)

Pololu	2.5V to 12V Step-Up Voltage Regulator From Pololu	Also available from Amazon
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Online Ordering Company Websites

Adafruit	https://www.adafruit.com/category/889	CVP	https://www.cvpusa.com
Tenergy	https://power.tenergy.com/		
Amazon	https://www.amazon.com		

Direct Link To Pololu Website - <https://www.pololu.com/product/2117>

Pololu 12V Step-Up Voltage Regulator @1A
Part Number U3V12F12
2.5 volt to 12V ultra miniature

Pololu 12V Step-Up Voltage Regulator @5A
Part Number U3V50F12
2.5 volt to 12V high current