

Let there be light - Gazebo light

Part	Supplier	Part no	URL	Cost per 10 Units					
				Qty per pack	Cost Per pack	Freight	QTY Required per 10 Kits	Cost - include GST and Freight	
<b>Switches</b>	<b>Battery Holder and alternatives</b>		Note			Aliexpress Choice shipping is free over \$15 total			
<b>Slide</b>	Aliexpress	SK-22H04	<b>Slide Switch get 8mm shank height</b>	<a href="https://www.aliexpress.com/item/1005008334125178.html?spm=a2g0o.order_list.order_list_main.5.191818029qrGAF">https://www.aliexpress.com/item/1005008334125178.html?spm=a2g0o.order_list.order_list_main.5.191818029qrGAF</a>	10	\$4.40	0	10	\$4.84
	Mouser/Digikey	EG2219	<b>Alternative - but untested</b>	<a href="https://www.digikey.com.au/en/products/detail/e-switch/EG2219/1144792">https://www.digikey.com.au/en/products/detail/e-switch/EG2219/1144792</a>					
<b>Toggle</b>	Aliexpress	MTS-202C3	Must get the 7mm Handle Length	<a href="https://www.aliexpress.com/item/1005008291425403.html?spm=a2g0o.order_list.order_list_main.15.5dd618025N8JBc">https://www.aliexpress.com/item/1005008291425403.html?spm=a2g0o.order_list.order_list_main.15.5dd618025N8JBc</a>	10	\$10.08	\$0.00	10	\$11.09
<b>Push button On/Off</b>	Aliexpress	1212-112DB	Package of 10	<a href="https://www.aliexpress.com/item/32753488309.html?spm=a2g0o.order_list.order_list_main.219.3e011802FeBXWK">https://www.aliexpress.com/item/32753488309.html?spm=a2g0o.order_list.order_list_main.219.3e011802FeBXWK</a>	10	\$1.88	\$3.32	10	\$5.72
			Specifications:						
<b>LEDS</b>	Aliexpress	<b>Get the 3v 60ma (comes in qty of 100)</b>	Size: 2.8 X 3.5 X 0.8mm Emitting Color: White 6000-6500K, Viewing Angle: 120 Degree	<a href="https://www.aliexpress.com/item/1005005015182671.html?spm=a2g0o.order_list.order_list_main.5.3f9b1802DwwxbO#nav-specification">https://www.aliexpress.com/item/1005005015182671.html?spm=a2g0o.order_list.order_list_main.5.3f9b1802DwwxbO#nav-specification</a>	100	\$2.40	\$7.59	60	\$9.93
<b>USB C Socket</b>	Aliexpress	Through hole - 2 pins		<a href="https://www.aliexpress.com/item/1005006047551075.html?mp=1&amp;pdp_npi=5@dis!AUD!AUD 2.72!AUD 2.15!AUD 2.15!!@2101eede17638730030945377e1f08!12000035478888693!ct!AU!4177334621!!10">https://www.aliexpress.com/item/1005006047551075.html?mp=1&amp;pdp_npi=5@dis!AUD!AUD 2.72!AUD 2.15!AUD 2.15!!@2101eede17638730030945377e1f08!12000035478888693!ct!AU!4177334621!!10</a>	20	\$4.49	\$7.26	20	\$12.93
<b>Lipo charger</b>	Aliexpress		Strap to 500 Ma	<a href="https://www.aliexpress.com/item/1005006297281091.html?spm=a2g0o.order_list.order_list_main.118.f3181802qWhrKE">https://www.aliexpress.com/item/1005006297281091.html?spm=a2g0o.order_list.order_list_main.118.f3181802qWhrKE</a>	10	\$3.90	\$2.33	10	\$6.85
<b>0805 resistor for charger</b>	Aliexpress		1% 2.4K	<a href="https://www.aliexpress.com/item/1005004890140511.html?spm=a2g0o.order_list.order_list_main.16.191818029qrGAF">https://www.aliexpress.com/item/1005004890140511.html?spm=a2g0o.order_list.order_list_main.16.191818029qrGAF</a>	100	\$2.69	\$0.00	10	\$0.30
<b>Regulator</b>	Aliexpress		3.3v	<a href="https://www.aliexpress.com/item/1005007023583675.html?spm=a2g0o.order_list.order_list_main.173.f3181802qWhrKE">https://www.aliexpress.com/item/1005007023583675.html?spm=a2g0o.order_list.order_list_main.173.f3181802qWhrKE</a>	10	\$4.22	\$0.00	10	\$4.64
<b>pins for mounting regulator and charger flat</b>	Aliexpress		2.54mm spacing	<a href="https://www.aliexpress.com/item/4000857385112.html?spm=a2g0o.order_list.order_list_main.132.3e011802EeBXWK">https://www.aliexpress.com/item/4000857385112.html?spm=a2g0o.order_list.order_list_main.132.3e011802EeBXWK</a>	10	\$1.00	\$4.81	10	\$6.39
<b>Battery pins</b>	Aliexpress	18650 pins	11mm leg length to go through PCB	<a href="https://www.aliexpress.com/item/1005001268395173.html?spm=a2g0o.order_list.order_list_main.65.191818029qrGAF">https://www.aliexpress.com/item/1005001268395173.html?spm=a2g0o.order_list.order_list_main.65.191818029qrGAF</a>	10	\$3.24		10	\$3.56
<b>Battery</b>	Aliexpress	Soshine 18650 LiFePO4 Battery with Protected 3.2V 2000mAh	Only use this battery, do not use an ordinary Lithium Ion Phosphate battery	<a href="https://www.aliexpress.com/item/1005008844082024.html?spm=a2g0o.order_list.order_list_main.96.191818029qrGAF">https://www.aliexpress.com/item/1005008844082024.html?spm=a2g0o.order_list.order_list_main.96.191818029qrGAF</a>	10	\$43.79		10	\$48.17
<b>Foam tape for the battery</b>	Aliexpress	<b>2mm thick *10mm wide for the battery holder, need 40mm width per holder, 10m</b>	Includes freight	<a href="https://www.aliexpress.com/item/1005001354937624.html?spm=a2g0o.order_list.order_list_main.40.3d3a1802Dw0LD3">https://www.aliexpress.com/item/1005001354937624.html?spm=a2g0o.order_list.order_list_main.40.3d3a1802Dw0LD3</a>	10000	\$2.89		400	\$0.13
<b>Magnet</b>	Aliexpress	30mm*20mm*4mm	Can order 10	<a href="https://www.aliexpress.com/item/1005010706148599.html?spm=a2g0o.cart.0.0.6f3638daqXH1yC&amp;mp=1&amp;pdp_npi=6@dis!AUD!AUD 92.42!AUD 11.09!AUD 11.09!!@2101e2b017701042566326658e0b2b!12000053251291419!ct!AU!4177334621!!10!">https://www.aliexpress.com/item/1005010706148599.html?spm=a2g0o.cart.0.0.6f3638daqXH1yC&amp;mp=1&amp;pdp_npi=6@dis!AUD!AUD 92.42!AUD 11.09!AUD 11.09!!@2101e2b017701042566326658e0b2b!12000053251291419!ct!AU!4177334621!!10!</a>	20	\$20.59	\$10.43	20	\$34.12
<b>VHB Tape for Switch and Magnet</b>	Aliexpress	3M VHB 5608	<b>0.8mm thick, 10mm width, used for the push button with and the magnets</b>	<a href="https://www.aliexpress.com/item/1005007330035529.html?spm=a2g0o.productlist.main.8.22byBthyBthys&amp;algo_pvid=b54f6598-7557-4f37-b8e8-63d5af9e5f35&amp;algo_exp_id=b54f6598-7557-4f37-b8e8-63d5af9e5f35-7&amp;pdp_ext_fs={" order":54,"eval":"","frompage":"search"}&amp;pdp_npi='6@dis!AUD!3.51!3.51!!!16.84!16.84!@2101e62517723504344528151ec4481!2000040290976576!seal!AU!4177334621!X!10!n_tag:-29919;d:32f5bb0f;m03_new_user:-29895&amp;curPageLogUid=bZbX66R3V15&amp;utparam-url=scene:search;query_from:;x_object_id:1005007330035529;p_origin_prod:"'>https://www.aliexpress.com/item/1005007330035529.html?spm=a2g0o.productlist.main.8.22byBthyBthys&amp;algo_pvid=b54f6598-7557-4f37-b8e8-63d5af9e5f35&amp;algo_exp_id=b54f6598-7557-4f37-b8e8-63d5af9e5f35-7&amp;pdp_ext_fs={"order":54,"eval":"","fromPage":"search"}&amp;pdp_npi=6@dis!AUD!3.51!3.51!!!16.84!16.84!@2101e62517723504344528151ec4481!2000040290976576!seal!AU!4177334621!X!10!n_tag:-29919;d:32f5bb0f;m03_new_user:-29895&amp;curPageLogUid=bZbX66R3V15&amp;utparam-url=scene:search;query_from:;x_object_id:1005007330035529;p_origin_prod:</a>	3000	\$4.41		1400	\$2.26
<b>Battery holder</b>	JLPCB	See Documentation		<b>Includes Freight</b>	10	\$2.95		10	\$3.25
<b>PCB</b>	JLPCB	See Documentation		<b>Includes Freight</b>	10	\$23.81		10	\$26.19
<b>Resistors</b>	Many different suppliers have these	10 ohm	Must be 1/4W, carbon film will do	<b>Approx cost, as these are available from many different suppliers</b>	1	\$0.10		60	\$6.60
		1k ohm			1	\$0.10		60	\$6.60

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				Qty per pack	Cost Per pack	Freight	QTY Required per 10 Kits	Cost - include GST and Freight
Purlin tape	Bunnings	Need 25mm Width	<a href="https://www.bunnings.com.au/suntuf-access-25mm-x-20m-purlin-tape_p1010469?region_id=117351&amp;gclid=aw.ds&amp;gad_source=1&amp;gad_campaignid=21122993677&amp;gclid=AAADtbEB_UDFk9rmUOqFUz3YjJvKRI&amp;gclid=EAlalQobChMluMOn5p6_kwMVM7ymAx0EBy0CEAQYBCABEgL3ofD_BwE">https://www.bunnings.com.au/suntuf-access-25mm-x-20m-purlin-tape_p1010469?region_id=117351&amp;gclid=aw.ds&amp;gad_source=1&amp;gad_campaignid=21122993677&amp;gclid=AAADtbEB_UDFk9rmUOqFUz3YjJvKRI&amp;gclid=EAlalQobChMluMOn5p6_kwMVM7ymAx0EBy0CEAQYBCABEgL3ofD_BwE</a>	20000	\$15.95		800	\$0.70
Kapton tape		Need 15mm width tape	Approx cost, as these are available from many different suppliers					\$0.50
							Cost for 10 units	\$194.77
							<b>Cost per unit</b>	<b>\$19.48</b>
<b>Cables and adapters</b>								
USB C to USB C cables	Aliexpress	3M USB C to USB C	<a href="https://www.aliexpress.com/item/1005009727175407.html?spm=a2g0o.order_list.order_list_main.186.191818029qrGAF">https://www.aliexpress.com/item/1005009727175407.html?spm=a2g0o.order_list.order_list_main.186.191818029qrGAF</a>	\$4.53				
	Aliexpress	2M USB C to USB C	<a href="https://www.aliexpress.com/item/1005009727175407.html?spm=a2g0o.order_list.order_list_main.186.191818029qrGAF">https://www.aliexpress.com/item/1005009727175407.html?spm=a2g0o.order_list.order_list_main.186.191818029qrGAF</a>	\$3.70				
USB A to C Cable	Aliexpress	3M USB A Male to USB C Male	<a href="https://www.aliexpress.com/item/1005010174895070.html?spm=a2g0o.order_list.order_list_main.182.191818029qrGAF">https://www.aliexpress.com/item/1005010174895070.html?spm=a2g0o.order_list.order_list_main.182.191818029qrGAF</a>	\$3.89				
PD trigger adapter	Aliexpress	USB A Female to USB C Male	<a href="https://www.aliexpress.com/item/1005007951126934.html?spm=a2g0o.order_list.order_list_main.112.191818029qrGAF">https://www.aliexpress.com/item/1005007951126934.html?spm=a2g0o.order_list.order_list_main.112.191818029qrGAF</a>	\$1.99				