

BOM for DIY Portable Solar Generator V2

SL No	Components	Quantity	Unit Price (USD)	Total Price (\$)
1	Solar Charge Controller	1	31.50	31.5
2	LiFePo4 Battery - 12.8V / 24Ah	1	30.00	30
3	Pure Sinewave Inverter -350W	1	52.00	52
4	USC Socket Type -C PD	1	4.89	4.89
5	USB Socket Type -B	1	3.95	3.95
6	Car Cigarette Plug	1	3.95	3.95
7	DC Jacks -10A	2	0.88	1.76
8	AC Socket	1	0.54	0.54
9	DC Rocker Switch 12V/20A	4	0.25	1
10	AC Rocker Switch	1	0.42	0.42
11	Rocker Switch with Safety Handle	1	1.94	1.94
12	Batthey Capacity Meter	1	8.77	8.77
13	Fuse Box	1	10.00	10
	Fuse Holder	1	0.99	0.99
14	Crimp Terminals	1	0.99	0.99
15	Cable Lugs	2	0.20	0.4
15	XT60 connectors	6	0.33	1.98
16	XT90 Connector	1	0.99	0.99
17	LED Flashlight	1	0.99	0.99
18	Cables	4	0.99	3.96
19	Heatshrink Tube	1	0.99	0.99
20	Waterproof Case	1	31.99	31.99
21	Self adhesive Heavyduty Velcro	5	1.00	5
			Total	199