

Energy consumption (Watts)	5	30	70	65	200	25	200	200						
	MAX. NO. OF BULBS	MAX. NO. OF FAN	MAX No. OF LED TV	MAX NO. OF LAPTOPS	DECORDER	DVD	FRIDGE	FREEZER	TOTAL ENERGY NEED (W)	AVE OPERATING HRS	INVERTER POWER RATING	NO OF BATTERIES	NO OF SOLAR PANELS	COST OF SOLAR SYSTEM (N)
	3	1	1	1	1	1			380	10	12V/0.9KVA	1 x 12V/200AH	2 x 250W	620,000.00
	5	2	1	1	1	1			445	10	12V/1KVA	1 x 12V/200AH	2 x 250W	670,000.00
	5	2	1	2	1	1			510	10	12V/1.2KVA	1 x 12V/200AH	2 x 250-300W	720,000.00
	5	3	1	2	1	1			540	10	24V/1.5KVA	2 x 12V/200AH	4 x 250-300W	970,000.00
	5	4	2	2	1	1			640	10	24V/2KVA	2 x 12V/200AH	4 x 250-300W	1,090,000.00
	5	5	2	3	1	1			735	10	24V/2.5KVA	2-4 x 12V/200AH	4-8 x 300W	1,158,600.00
	7	7	2	4	1	1			870	10	24V/3KVA	4 x 12V/200AH	8 x 300W	2,150,000.00
	5	2	2	3	1	1	1		845	10	48V/3.5KVA	4 x 12V/200AH	8 X 300W	2,247,200.00
	7	3	2	3	1	1		1	885	10	48V/3.8KVA	4-8 x 12V/200AH	8-16 X 300W	2,865,000.00