

Consistent Energy Limited,

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2KW COMPLETE SOLAR POWER SYSTEM

➤ LOAD REFERENCE

No	Load	Description	Quantity	Total Watt	Usage hr/day	Total Watt-Hrs/day
1	Bulb	15W	10	150W	8	1.2KWh
2	Ceiling Fan	60W	3	180W	15	2.7KWh
3	OX Fan	190W	1	190W	10	1.9KWh
4	TV	<150W	2	300W	6	1.8KWh
5	Decoder	50W	1	50W	6	300Wh
6	Home theater	130W	1	130W	6	780Wh
7	Freezer	<225W	1	225W	5	1.125KWh
8	Total			1.225KW		9.805KWh

➤ SYSTEM SPECIFICATIONS

No	Item Name	Description	Quantity
1	Solar panel	24V250W	8
2	Charge Controller	60A/48V	1
3	Inverter	3.5KVA/48V, single Phase, pure sine wave	1
4	Battery	12V/200Ah Deep cycle battery	4
5	Panel Rails	Rooftop/ground mounting type	Lot
6	PV cables	10mm ²	Lot
Backup Time on full load			6hrs
Total Cost of installation + VAT			N1,680,000

Note: Cost is subject to site visit

➤ WARRANTY

No.	Item	Description
1	Solar panel	5-10 years
2	Battery	1 year @ 70% DOD
3	Inverter	1 Years
4	Charge Controller	1 years