

Consistent Energy Limited,

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1KW 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	Fan	<60W	3	180W	15	2.7KWh
3	TV	<150W	1	150W	6	900Wh
4	Decoder	50W	1	50W	6	300Wh
5	Total			530W		5.1KWh

➤ SYSTEM SPECIFICATIONS

No.	Item Name	Description	Quantity
1	Solar panel	24V250W	4
2	Charge Controller	60A/24V	1
3	Inverter	1.5KVA/24V, single Phase, pure sine wave	1
4	Battery	12V/200Ah Deep cycle battery	2
5	Panel Rails	Rooftop/ground mounting type	Lot
6	PV cables	10mm ²	Lot
Backup Time on full load			5hrs
Total Cost of installation + VAT			N772, 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