

Consistent Energy Limited,

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450W COMPLETE SOLAR POWER SYSTEM

➤ LOAD REFERENCE

No.	Load	Description	Quantity	Total Watt	Usage hr/day	Total Watt-Hrs/day
1	Bulb	15W	5	75W	8	600Wh
2	Fan	<60W	2	120W	10	1.2KWh
3	TV (DC)	<50W	1	50W	6	300Wh
4	Decoder	50W	1	50W	6	300Wh
5	Total			295W		2.4KWh

➤ SYSTEM SPECIFICATIONS

No.	Item Name	Description	Quantity
1	Solar panel	12V150W	3
2	Inverter	850VA/12V with inbuilt charge controller	1
3	Battery	12V/200Ah Deep cycle battery	1
4	Panel Rails	Rooftop/ground mounting type	Lot
5	PV cables	10mm ²	Lot
Backup Time on full load			4hrs
Total Cost of installation + VAT			N366,000

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