

## Consistent Energy Limited,

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### 1.5KW 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	TV	<150W	1	150W	6	900Wh
4	Decoder	50W	1	50W	6	300Wh
5	Home theater	130W	1	130W	6	780Wh
6	Freezer	<150W	1	150W	5	750Wh
7	Total			810W		6.63KWh

#### ➤ SYSTEM SPECIFICATIONS

No.	Item Name	Description	Quantity
1	Solar panel	24V250W	6
2	Charge Controller	60A/48V	1
3	Inverter	2.5KVA/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 <sup>2</sup>	Lot
Backup Time on full load			6hrs
Total Cost of installation + VAT			<b>N1, 554, 000</b>

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