

TURCAM Sarl

BP: 12299 Bastos, Yaounde, Cameroon | Tax payers # M011000030212N | T: +237 95036753 - 22737051

SOLAR KIT 2KWp – 1,5day

Example of use:

Appliances	Number	Estimated Unit Power (W)	Total power (W)	Operating hour/day	Energy consumption (Wh)
Bulb	10	15	150	6	900
Fluorescent tube	6	36	216	5	1080
Home cinema	1	200	200	5	1000
Refrigerator	1	130	130	8	1040
Freezer	1	250	250	5	1250
Mixer	1	180	180	0,1	18
Fan	1	90	90	3	270
Computer Desktop	1	250	250	5	1250
Laptop	1	50	50	5	250
LED Street light	1	40	40	12	480
Total			1516		7538

To summarize, the main equipments of the solar system will consist of:

- 10 Photovoltaic module 200Wp
- 10 Module support
- 2 STECA Tarom Controller 235
- 8 ENERSYS POWER SAFE batteries 12V-170Ah
- 1 ESIS POWER ELITM 2024 SERIES 24V-2000W Inverter
- 1 Electric box and battery support

The autonomy can be increased by:

- Managing the consumption properly (exple: turn off TV or some lamps if not needed or necessary), only turn on the lamps which are essential. By operating this way, we can get autonomy even up to 3j and more depending on the use.
- Adding the number of batteries.

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PRO FORMA Invoice

Item	Qty	Unit P. CFA	Total P. CFA
Photovoltaic module 200Wp	10	263 449	2 634 490
Module support	10	50 000	500 000
STECA Tarom Controller 235	2	175 620	351 240
ENERSYS POWER SAFE batteries 12V-170Ah	8	315 000	2 520 000
ESIS POWER ELITM 24V-2000W INVERTER	1	743 855	743 855
Electric box and battery support	1	400 000	400 000

Total **7 149 585**

VAT Exonerated

Total DP (FCFA)	7 149 585
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SOLAR KIT INSTALLATION

