

TURCAM Sarl

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

SOLAR KIT 600Wp-1day-1000W max load

Example of use:

Appliances	Number	Estimated Unit Power (W)	Total power (W)	Operating hour/day	Energy consumption (Wh)
Bulb	5	15	75	4h	300
Fluorescent tube	3	40	120	4h	480
TV	1	100	100	5	500
Refrigerator	1	150	150	8	1200
Phone charger socket	1	5	5	4	20
Total			450		2500

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

- 3 Photovoltaic module 200Wp
- Module supports
- 1 STECA Controller 12V/24V 20A
- 2 ENERSYS POWER SAFE batteries 12V-155Ah
- 1 ESIS POWER ELITM 1024 SERIES 24V-1000W 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	3	263 449	790 347
Module supports	3	50 000	150 000
STECA Controller PR 2020 12V/24V 20A	1	106 800	106 800
ENERSYS POWER SAFE batteries 12V-155Ah	2	294 000	588 000
ESIS POWER ELITM 24V-1000W INVERTER	1	472 658	472 658
Electric box and battery support	1	100 000	100 000

Total **2 207 805**

VAT Exonerated

Total DP (FCFA)	2 207 805
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SOLAR KIT INSTALLATION

