

TURCAM Sarl

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

SOLAR KIT 400Wp-1day-1000W max load

Example of use:

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

Total	345	1480
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To summarize, the main equipments of the solar system will consist of:

- 2 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	2	263 449	526 898
Module supports	2	50 000	100 000
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 **1 894 356**

VAT Exonerated

Total DP (FCFA)	1 894 356
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SOLAR KIT INSTALLATION

