

# TURCAM Sarl

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

## SOLAR KIT 1000Wp - 1.5day

Example of use:

<b>Appliances</b>	<b>Number</b>	<b>Estimated Unit Power (W)</b>	<b>Total power (W)</b>	<b>Operating hour/day</b>	<b>Energy consumption (Wh)</b>
Bulb	5	15	75	6h	450
Fluorescent tube	3	40	120	5h	600
Home cinema	1	200	200	5	1000
Refrigerator	1	150	150	8	1200
Fan	1	90	90	3	270
Laptop	1	50	50	5	250
Phone charger socket	1	5	5	4	20
<b>Total</b>			<b>690</b>		<b>3790</b>

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

- 5 Photovoltaic module 200Wp
- 5 Module support
- 1 STECA Tarom Controller 235
- 4 ENERSYS POWER SAFE batteries 12V-170Ah
- 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	6	263 449	1 580 694
Module support	6	50 000	300 000
STECA Tarom Controller 235	1	175 620	175 620
ENERSYS POWER SAFE batteries 12V-170Ah	4	315 000	1 260 000
ESIS POWER ELITM 24V-1000W INVERTER	1	472 658	472 658
Electric box and battery support	1	200 000	200 000

Total **3 988 972**

VAT Exonerated

<b>Total DP (FCFA)</b>	<b>3 988 972</b>
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## SOLAR KIT INSTALLATION

