

# TURCAM Sarl

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

## LIGHTING SOLAR KIT 200Wp-1d

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
Phone charger socket	1	5	5	4	20

Total	200	800
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To summarize, the main equipments of the solar system will consist of:

- 1 Photovoltaic module 200Wp
- 1 STECA Controller 12V/24V 6A
- 2 EFFEKTA AGM batteries 12V-55Ah
- 1 ESIS POWER ELITM 1024 SERIES 24V-1000W INVERTER

The autonomy can be increased by:

- Managing the consumption properly (exple: turn off 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.

PRO FORMA Invoice

Item	Qty	Unit P. CFA	Total P. CFA
Photovoltaic module 200Wp	1	263 449	263 449
STECA Controller 12V/24V 6A	1	42 000	42 000
EFFEKTA AGM batteries 12V-55Ah	2	96 000	192 000
ESIS POWER ELITM 24V-1000W INVERTER	1	472 658	472 658

Total **970 107**

VAT Exonerated

<b>Total DP (FCFA)</b>	<b>970 107</b>
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## SOLAR KIT INSTALLATION

