



# Solar Powered Fountain

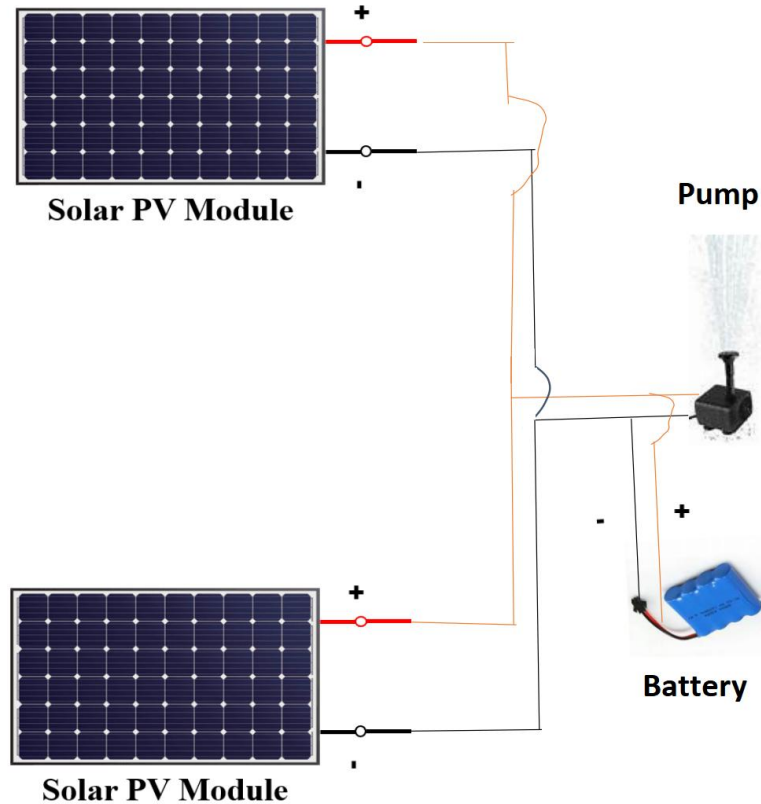
An electrical water pump powered up from sunlight and provide fountain view in bird bath to attract birds and engance garden beutity while initiating household green energy

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# DESIGN



## Elements Specification

Solar panel x2	-	Min 10W each
Water pump x1	-	2W
Battery pack	-	6V

Two Solar panels are connected in [series connection](#) to the pump

### Why Two ?

Solar intensity varies all round the year with least in Winter. To get continuous flow of required energy through out a year two are required.

Battery pack is there to act as a backup of power supply, after sunset where due to absence of sun solar panels will stop work. Hence, Battery pack is connected in [parallel](#) to the pump.

To engage the battery pack safely and effectively a [solar charge controller](#) is required to put in between the pump and the panels

# OUR MAIN OBJECTIVE

Standing out an example of green energy application at  
house hold

Enhancing garden beauty

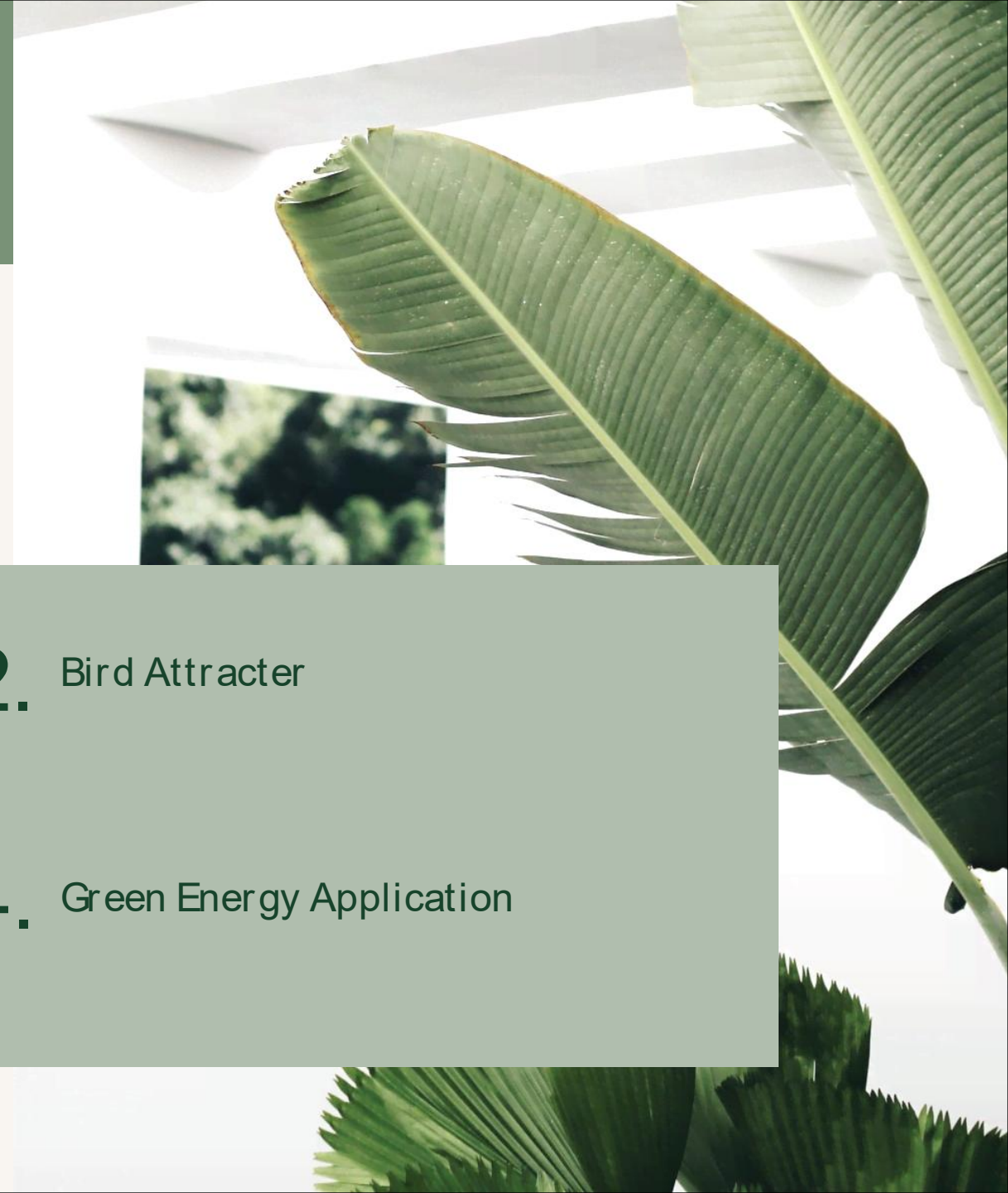
An initiative towards green garden

01. Solar Powered Fountain

02. Bird Attractor

03. Garden Enhanced Beauty

04. Green Energy Application



## TODO

- 1) A 10 W SOLAR PANEL NEEDS TO BE BOUGHT AND PUT IN SERIES TO ORIGINAL SOLAR PANEL
- 2) Solar charge controller to be bought and put in between the pump and the panels

Refer to the description page for wire and connction