



KHALIFA
UNIVERSITY

Solar Mobile Battery

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SUBMITTED TO:

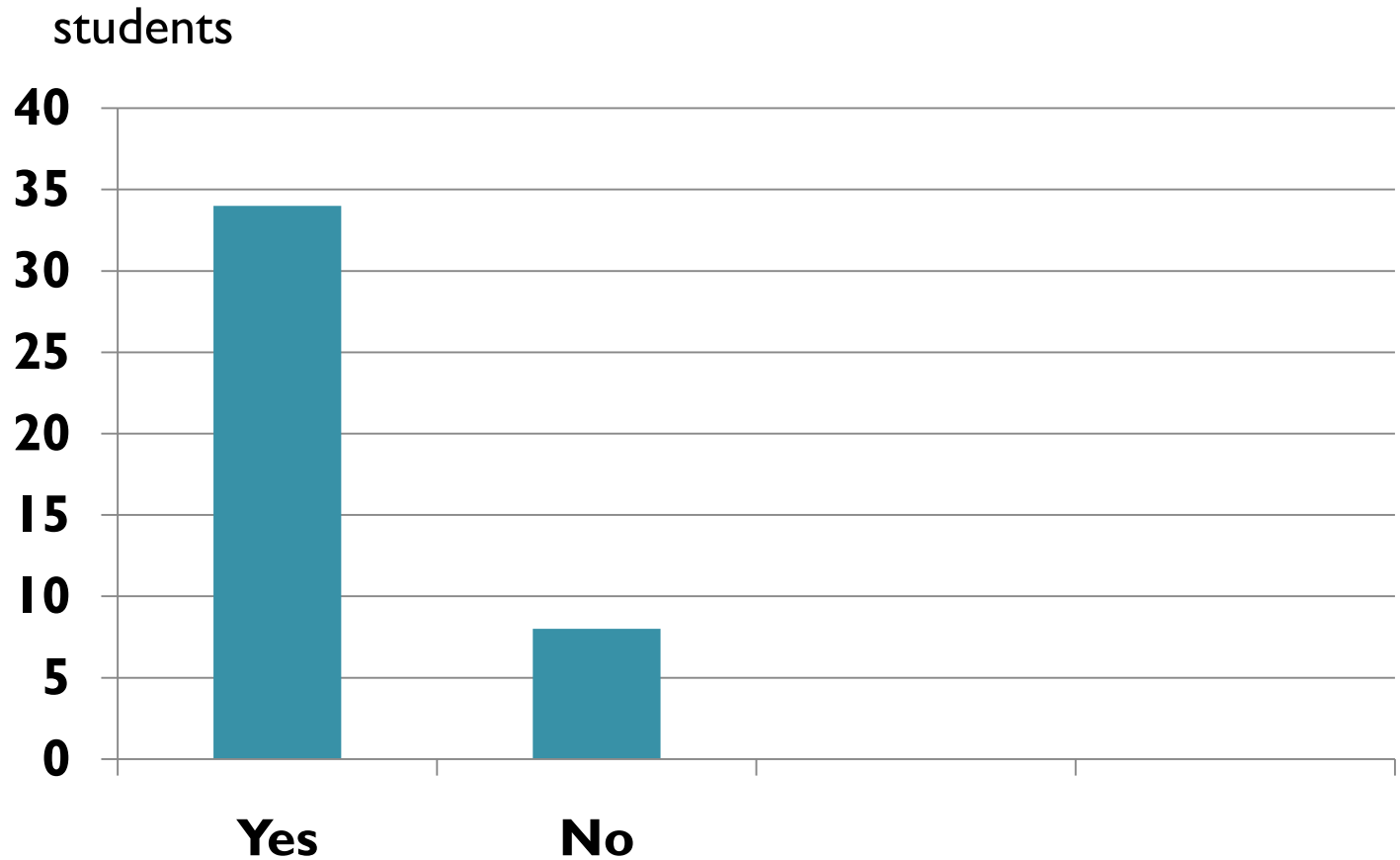
Ms. Sabina Ostrowska

Out lines:

1. Problem
2. Solution
3. implementation:
 - 3.1 Step 1
 - 3.2 Step 2
 - 3.3 Step 3
4. Limitation

1. Problem

Are you facing a problem with your mobile battery?



I. problem

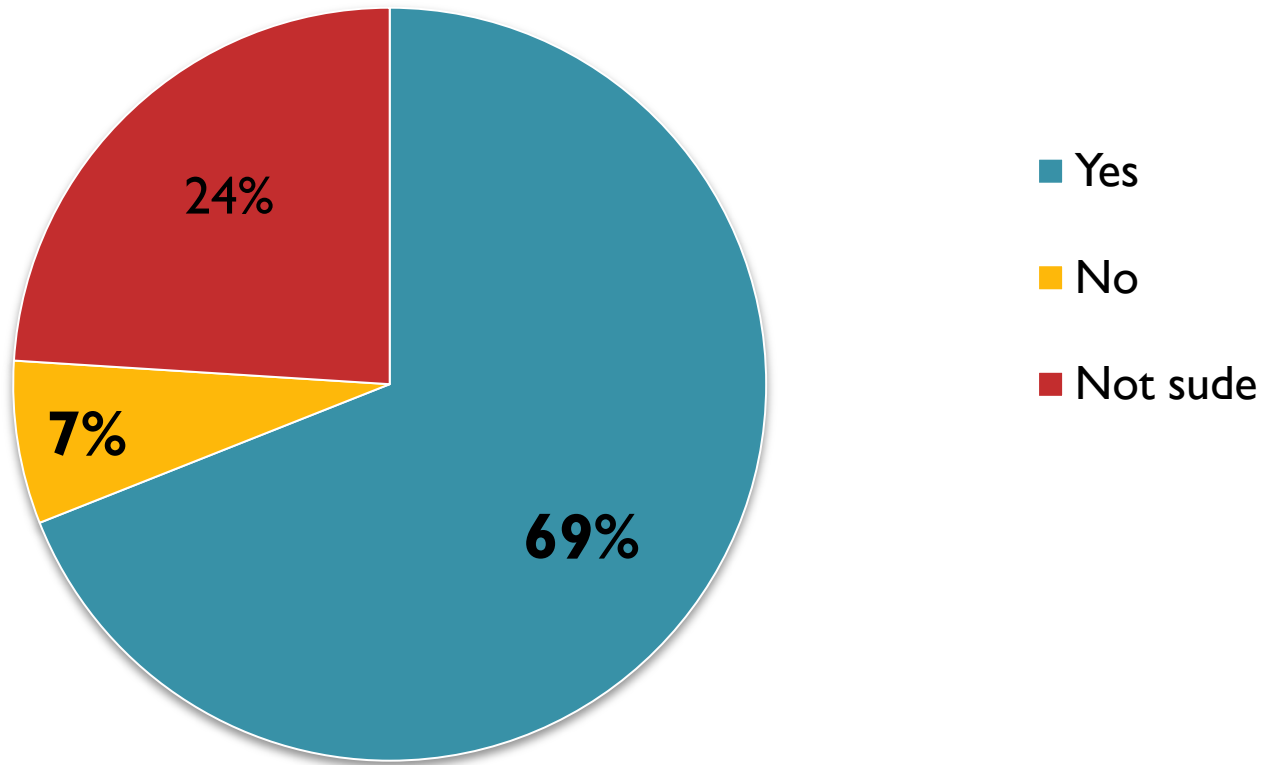


2. Solution →



3. Implementation;

Q4 :What do you think about attaching solar cells to your mobile in order to extend battery life?

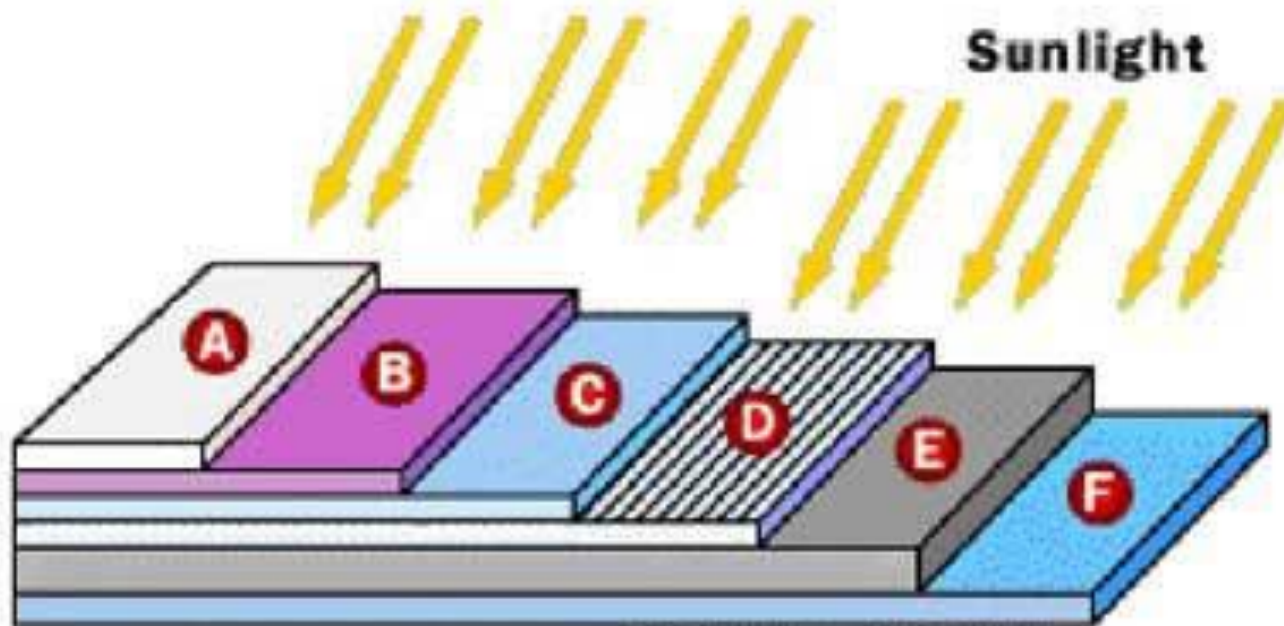


3. Implementation;

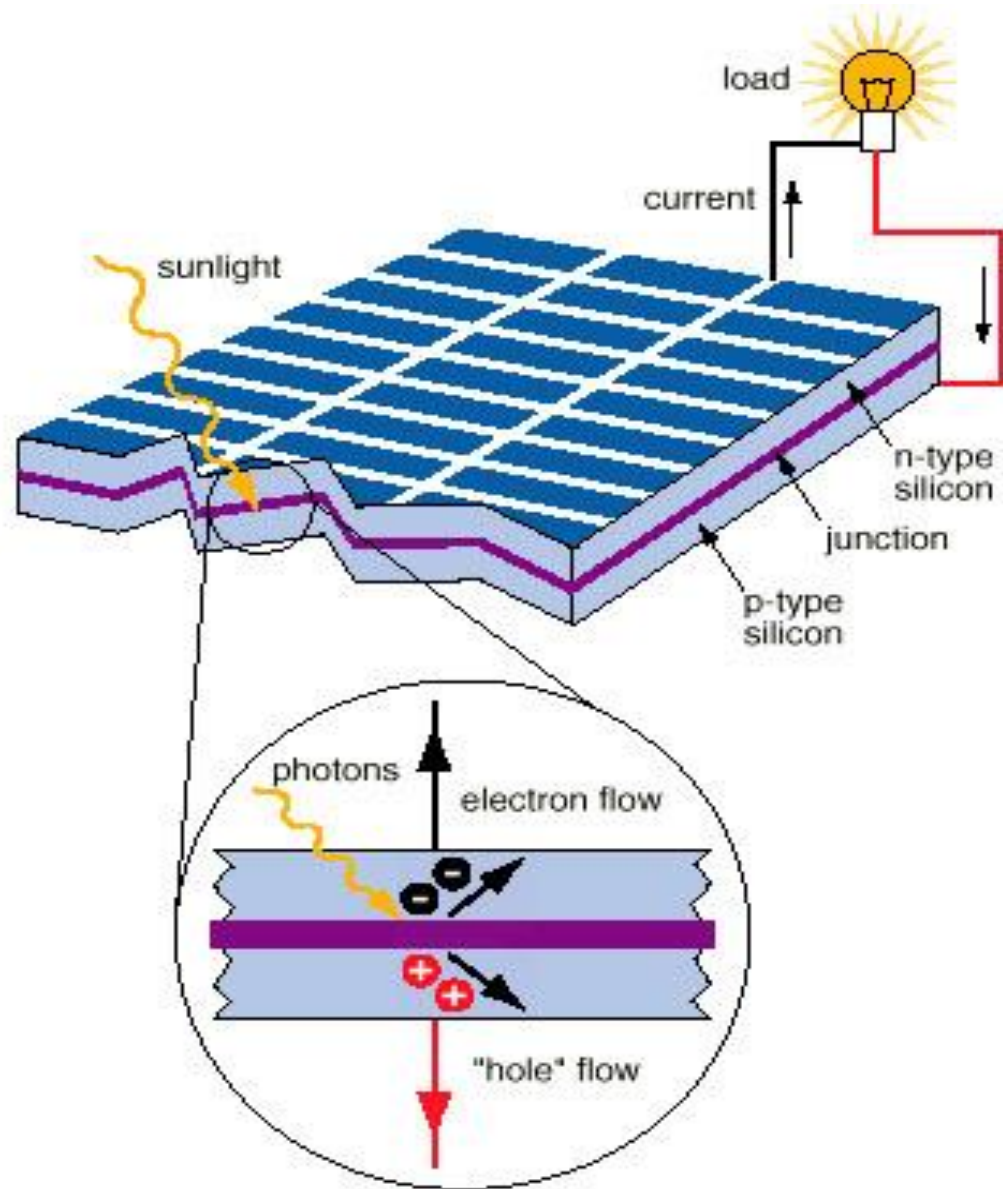
3.1 Solar Cell Component

- A** Cover glass
- B** Antireflective coating
- C** Contact grid

- D** N-type Si
- E** P-type Si
- F** Back contact

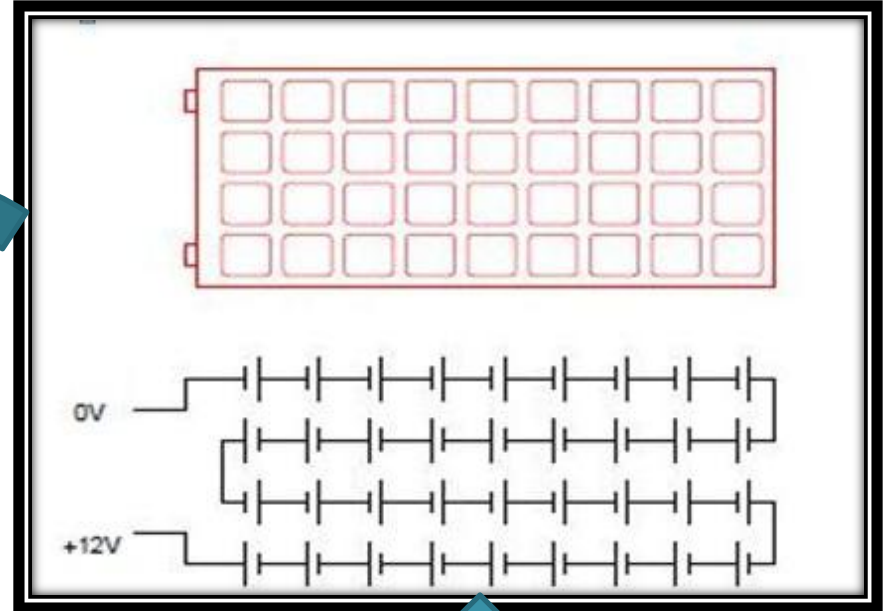
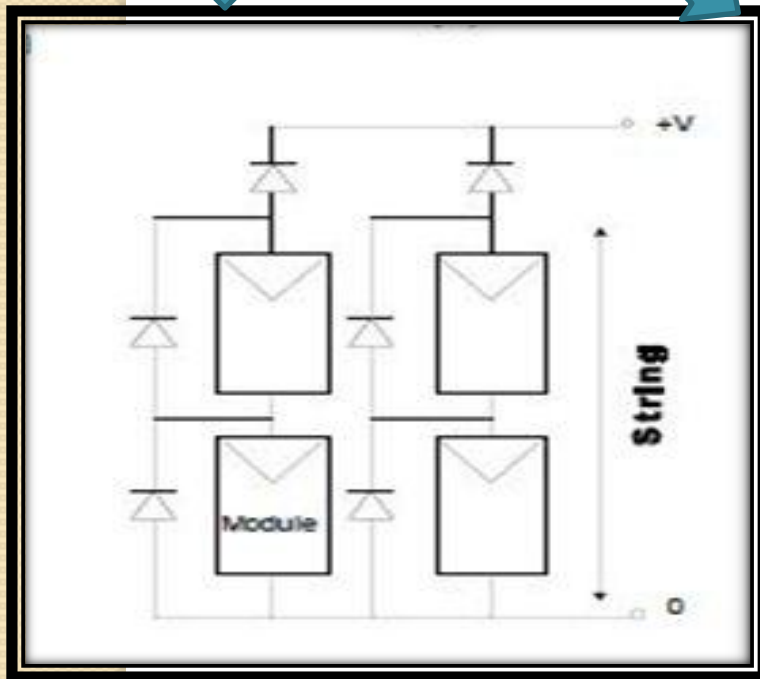


How Solar Cell Works



How to Get the Required Voltage

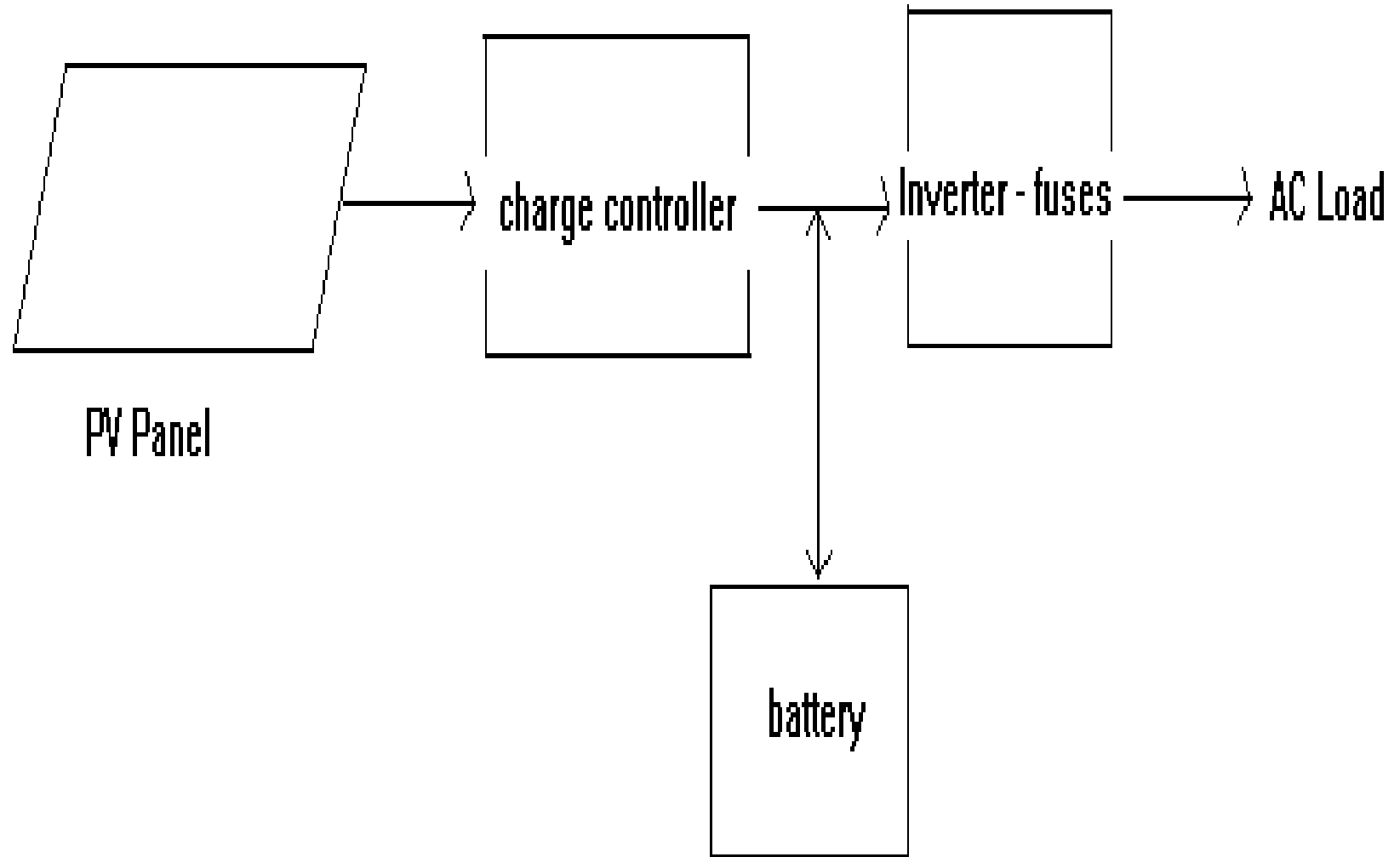
Module + Module =
Array



One Module

3. Implementation:

3.2 Charging the innovated solar battery

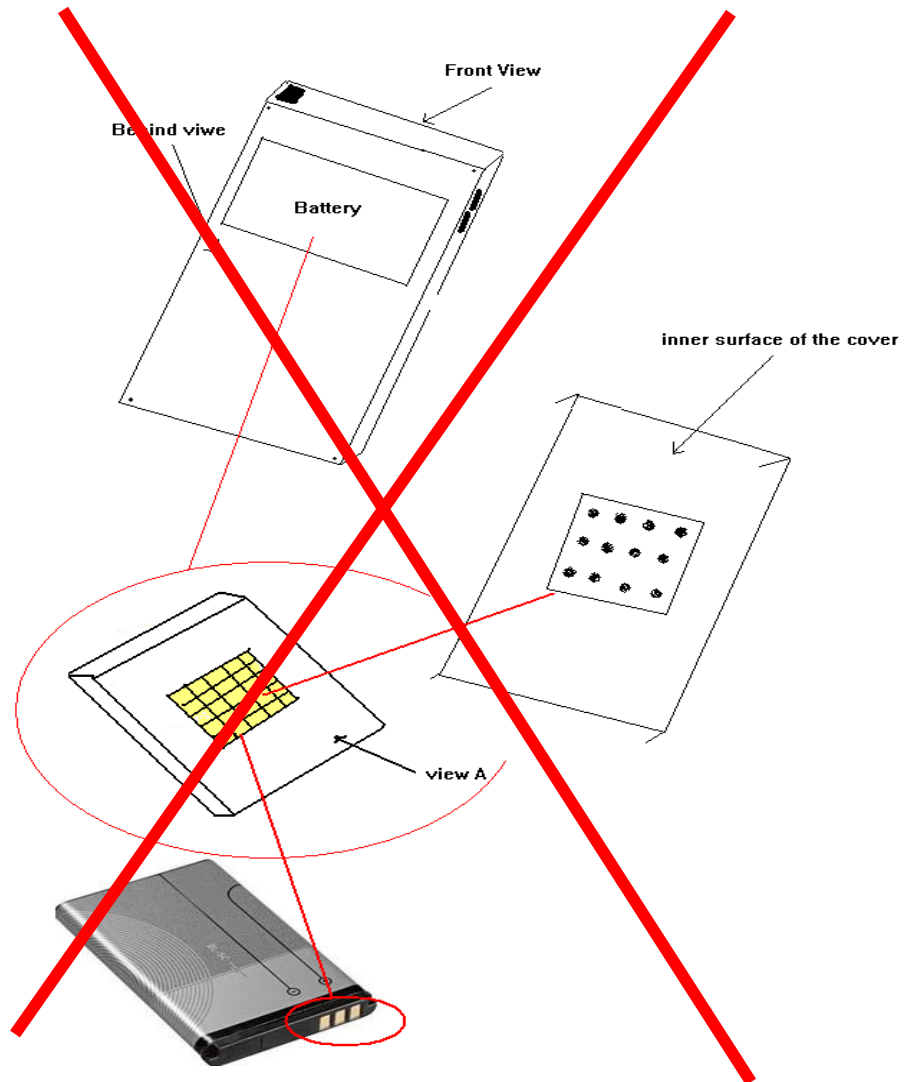


3. Implementation:

3.3 Connecting the Innovated Battery

BECAUSE OF :

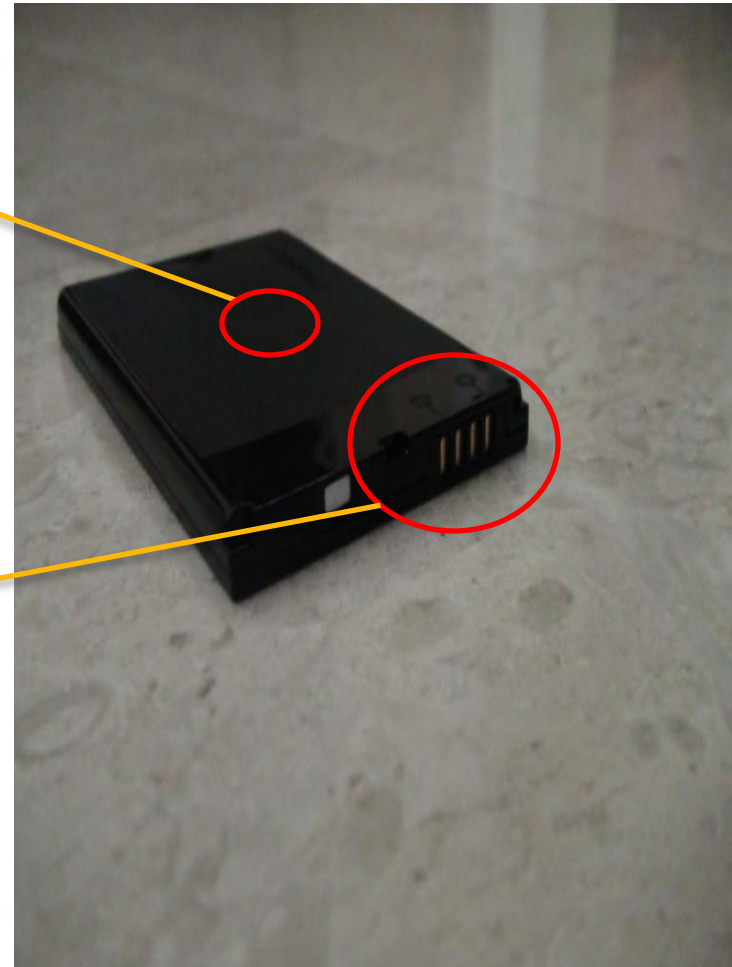
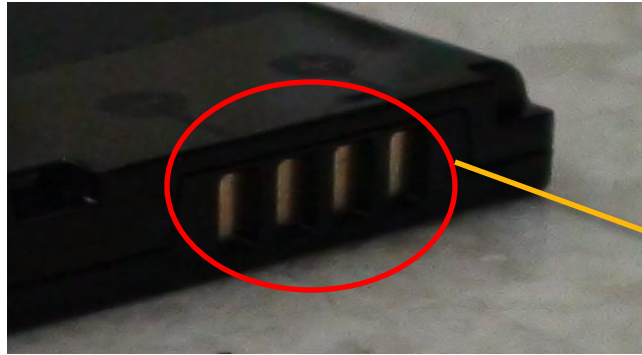
- 1- First step
- 2- Second step



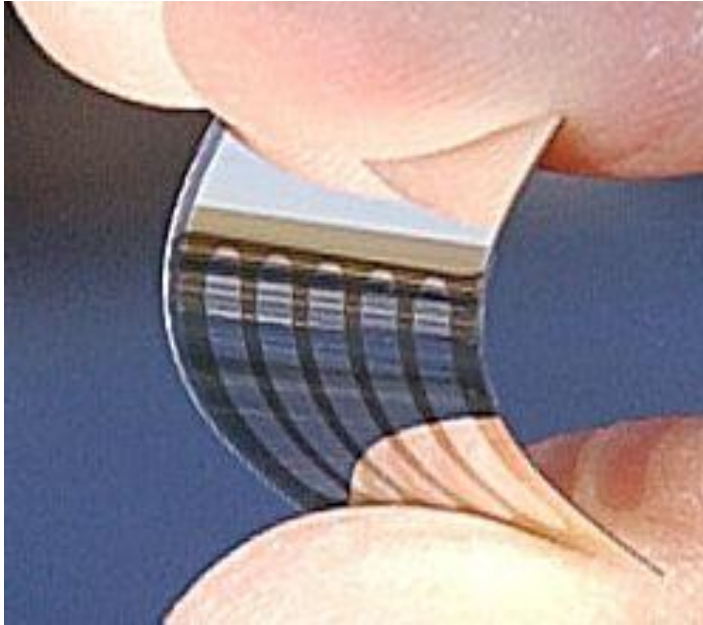
Solar cell location



Solar Cell Connection

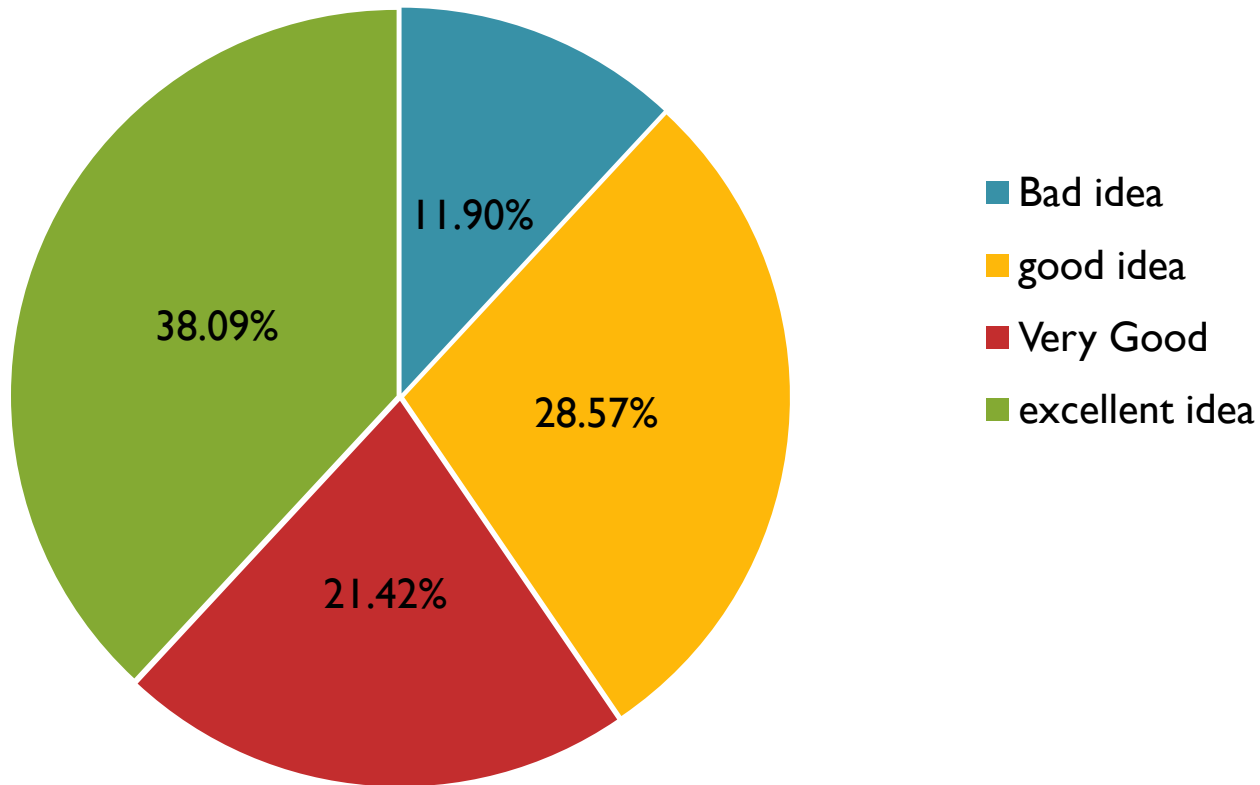


Improving the Connection



Customer Response:

Q4 :What do you think about attaching solar cells to your mobile in order to extend battery life?



Limitation

I. Cost



Limitation

2. Size



Limitation

3. Intensity



References

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Thanks for you attention

**Your Questions & Comments are
really appreciated**