

**BATCH.NO: 06**

# **SOLAR POWER BANK**

**PRESENTED BY**

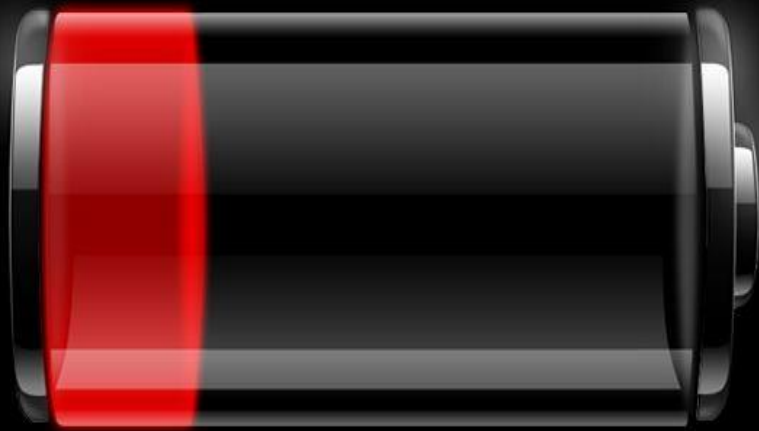
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# PROBLEM STATEMENT

- ▶ Mobile phones are not just a device but has become the part of our life, since as every phone runs out of charge imagine that happening at a critical moment may be powercuts or while travelling



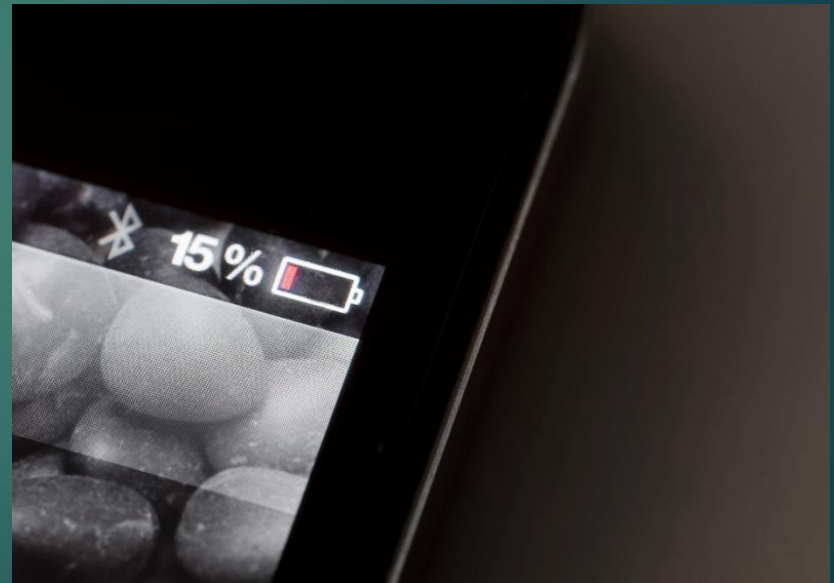
**Critical**



# CUSTOMER SURVEY

On offline survey ,we found problems which are faced by people are

- \*Travellers and delivery men who need their phone all day to work can not afford a drain at their work hours.
- \*In time of outing if their phone is drained out then it becomes hard to communicate and find routes if they are lost.
- \*There is no alternative way to charge the mobile during the power cuts.



# EXISTING SOLUTIONS

- ▶ There are some existing products which can solve the above issues but not exactly like
- ▶ A **electrical power bank** which can only store
- ▶ A **solar charger** works on presence of sun



# OUR SOLUTION



- ▶ Our product “solar power bank” solve the problems related to charge , we notice that . Customer want to charge the mobile whenever they need without charger in day time
- ▶ Solar power bank is a product which converts solar energy into electrical energy and store it. And even store electrical energy by a normal charger .
- ▶ Mostly it satisfies the customers problems that we discussed.



# VALUE PROPOSITION

- ▶ if we take a electrical power bank it needs to charge before using, where as coming to our product it will convert sun as charger and store it by electrical energy.
- ▶ If in case of solar charger the sun will not available 24/7 and in rainy days also where as in our product it can be charge by normal charger in home.
- ▶ It will be people like delivery men , travellers ,etc...who has to work 24/7 in phone.

# CUSTOMERS & CONSUMERS

- ▶ OUR TARGET IS TO HELP THE CONSUMERS LIKE TRAVELLERS ,SOFTWARE EMPLOYEES , STUDENTS, AND SO ON....
- ▶ OUR PRODUCT IS MAINLY RETAILED BY MOBILE ACCESSORIES COMPANIES WITH WHICH CHARGE DEVICES LIKE HEADSET ,MOBILES, AND BLUETOOTH EAR BUDS.....ARE POSSIBLE BY OUR PRODUCT.

# S.W.O.T

## STRENGTH

- IT STORE ABOUT 5000MAH.
- AFFORDABLE

## WEAKNESS

- \*IT WON'T WORKS ON RAINY DAY.
- \*IT'S BATTERY MAY NOT SUFFICIENT FOR MORE THAN ONE USE

## OPPORTUNITIES

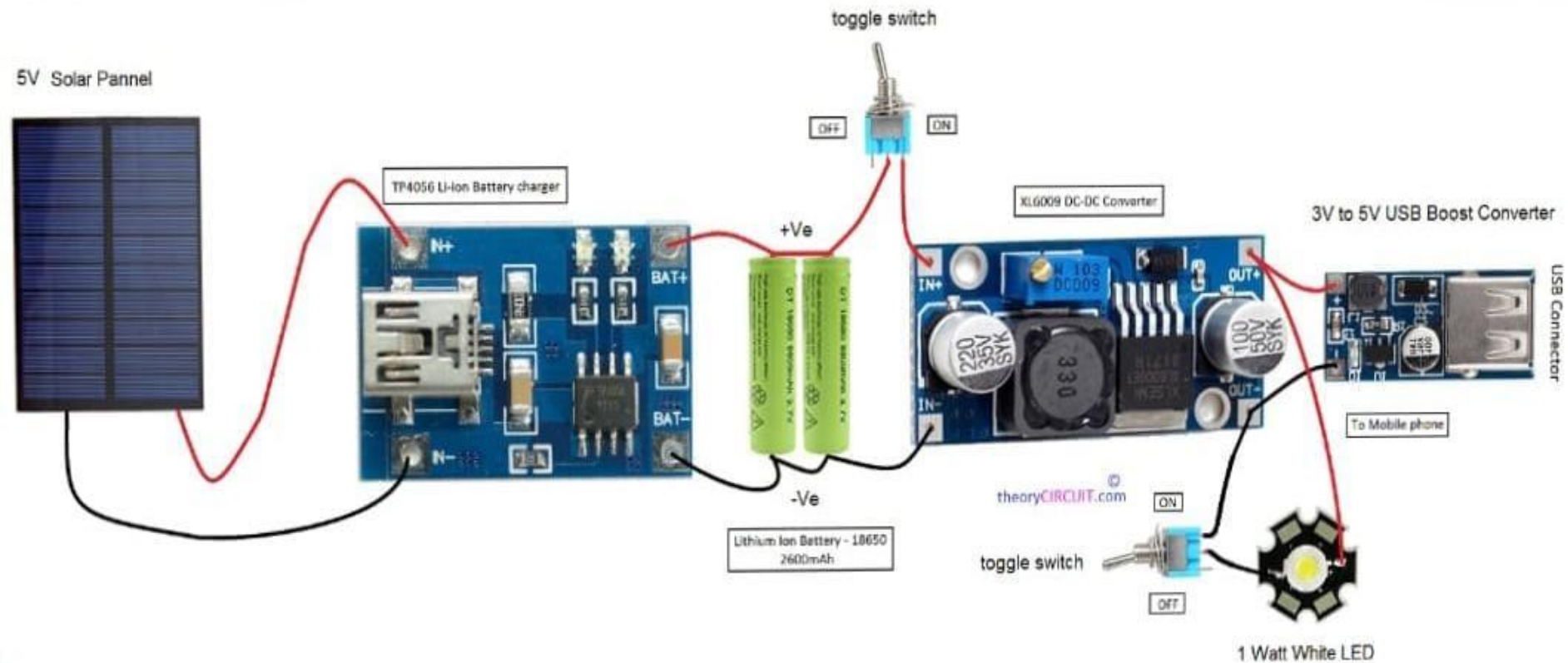
- \*IT CAN CHARGE BY ELECTRICITY WITH INPUT METHOD.
- \*WE CAN INCREASE STORAGE BY ADDING ONE MORE BATTERY

## THREATS

- \*IT HAVE A CHANCE OF BATTERY HEAT BY KEEPING IN CHARGE OVER NIGHT INPUT METHOD
- \* IT WILL HEAVY AND FALLS WHILE CARRYING



# DESIGN - BLUEPRINT



## FUTURE SCOPE :

- \* If we get time we want to make it waterproof because travellers as carry it on rain also.
- \* we want make portable and strong because it may fall while carrying .

# OUTPUT – SCREEN SHOTS



Thank You!

