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FINAL REPORT:
PORTABLE SOLAR POWER CHARGER

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ABSTRACT

As world resources are diminishing, government agencies and non-government organization are pushing a greener solution through the use of renewable energy sources. Solar energy will be the future energy source. However, it is still being studied on how to improve the technologies used for utilizing solar energy. The solar panel for example, laboratories throughout the world are chasing to develop the most efficient solar panel. At present, the solar panels that made of nitrogen and boron can convert the 44.7% of sunlight it receives into energy.

The portable solar power charger is one of the devices that use light to charge a load (like phone). It is really portable that people on the road or on a camping can carry it into their pocket and charge their phone where ever they want. However, it all boils down on how fast the solar charger could transmit its charge and how efficient the charger is. A solar charger can charge a phone anywhere but it should also be considered if it is as efficient as portable charger. This project shows that the world is now a bit closer to the perfection of solar technology. Further studies on solar technology would help for the study on renewable energy.