

Microsoft

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For Immediate Release

GROUND BREAKING SOLAR POWERED CHARGER

SAN FRANCISCO, October 1, 2020-- Microsoft announced today their plans to release a new solar powered charger that works on all their devices. This charger will have an output power of 25 watts, double the power of any other charger on the market. This charger will have the capability to charge a laptop within 3-6 hours only using solar power, while still being two times smaller than the next leading charger on market.

CEO of Microsoft, Satya Nadella, commented on the release of the charger, saying “In modern times we have to look for any and every way possible to make the Earth a greener place. By making a solar power charger this is a way for more people to do their part to help the environment.”

This new top of the line charger has many additional features that are new to market. The charger will be able to convert 32% of the sunlight it receives into solar power. While purchasing more panels for the charger will absorb more sunlight and in return will charge devices even quicker. While still being easily portable by folding up to the size of a briefcase, weighing only 20 oz. This also makes it easy to absorb sunlight by using an industry leading 20 photovoltaic cells.

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While the charger is made out of a semi conducting material silicone, Photovoltaic cells are what runs the charger, relatively new in the use of hand-held devices, photovoltaic cells usefulness has endless possibilities. Solar photovoltaic cells are the actual part that converts the sunlight the charger receives to electricity. This works by the sunlight hitting the photovoltaic cells causing electrons in silicone to come loose and form an electrical field, which in turn will cause electrons to create a current. While the final step in the process is metal plates transferring electronic currents to the wires.

We believe technology can and should be a force for good and that meaningful innovation can and will contribute to a brighter world in big and small ways.