

Tesla Energy Powerwall Perfect Solution for Solar Sustainable Home Builder, Mesocore

Tesla Energy Powerwall offers great flexibility for Solar home systems

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/EINPresswire.com/ -- Elon Musk's latest [Tesla energy Powerwall](#) system, a great innovation, offers perfect synergy for solar battery backup systems that are currently being used by sustainable home builders such as, [Mesocore](#), a green home builder.



Pre fab Sustainable green home

Tesla's Powerwall not only solve one of the biggest challenges facing Tesla car owners, but have the potential to solve the utility crisis, and even free new developments from having to be on the local electric grid.

Tesla Energy

Tesla sales are expected to pick up steam with new models rolling out. Yet, even though Elon Musk has work to extend battery life and transparency for drivers it isn't always cheap to charge them. Having to charge electric and hybrid cars on old grids at home may be neither cheap nor green. Home battery packs which are powered by solar can take the bite out of both sides of this. It's clean, renewable energy that is affordable and available on demand.

The Powerwall offers a sleek home battery pack that can store solar energy until needed. This is incredibly important for those in areas where the sun doesn't always shine. The Powerwall aims to leverage the ability to store solar energy, and even share it across smart micro-grids. This way small communities can share power as needed. They could potentially become a source of income for owners, while eliminating the rising costs and unreliability of old-school, over-worked utility services.

Innovation and Replication

Home and commercial battery power technology has already been in use by sustainable home builder Mesocore. Producer of 100% sustainable homes, Mesocore and its founder Joe Esposito have used and deployed this technology internationally. And often referred to as the Ford of

housing; Esposito has long had a model which works at incredible scale.

ABC News picks up on the fact that Mesocore units like those in Riviera Beach, FL have already been up and running; while completely self-sustaining themselves with renewable energy and clean water. This is thanks to the home's inclusion of a rainwater harvesting system, in addition to solar and battery backup. And they can be used as sleek single family homes, small multifamily homes, and even commercial buildings. It's the complete package already in a box.

From LA to Lagos

Mesocore's 100% sustainable hybrid buildings have applications from Los Angeles to Lagos to Laos. In fact, we've already seen the first popping up in Lagos, Nigeria, where the units are expected to become a core solution for providing consistent power in off grid communities, and enabling sustainable development and affordable housing projects.

This not only solves energy and eco-friendliness challenges, but goes a long way to alleviate the water crisis, and affordable housing crisis.

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