

# FUSIONHOME SMART ENERGY SOLUTION

## More Energy, Maximize Savings



Huawei Smart Energy Center with industrial record 99% CEC efficiency, which helps to translate into more energy (means more savings on your electricity bill). Smart PV Optimizer to maximum energy yields of each module in case of partial shading or complex roof configurations, to ensure the PV system you buy is fully optimized. The full optimizers connect to PV modules to enable them to perform independently and eliminate mismatch related power losses, such as dust & birds dropping, thermal mismatch, etc., effectively increasing system yields up to 30%.

## Battery Ready, Secure Future

### Why Residential Solar Must Be Storage Ready?

- 1) New Time of Use (TOU) rate structures and California NEM 2.0 forcing more and more residential solar customers to consider storage
- 2) Residential storage deployment in the US tripled from Q2/2017 to Q2/2018 according to GTM Research

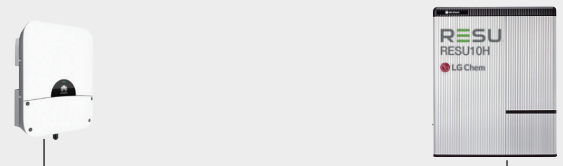


NEM 2.0 and  
New TOU rates



Residential storage  
deployment tripled

The grid of the future is the solar inverter enabled with storage that is part of the home ecosystem. Huawei delivers the only solution specifically designed for the PV + Storage future, it has lowest upfront cost and is the only option to add a battery without changing out inverter, resizing and system retrofit. Huawei has a partnership with LG, a leading provider of residential batteries, so that you can choose to add storage to your PV system right away or easily integrate in the future, as battery price continue to decline.



Energy Storage Interface for  
all sizes: 3.8 kw to 11.4 kw



Smart Energy  
Center



Smart PV  
Optimizer



Backup  
Auto-transformer

Inverter 12 years warranty extendable to 25 years  
Optimizer 25 years standard warranty  
Monitoring free for 25 years

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## Be Ready When The Grid Is Off



Huawei's innovative solution provides backup power for critical loads in the case of a grid outage, during the day time, home pre-selected loads can be powered by PV or battery, during the night with no PV, the loads can only be powered by battery. More frequent nature disasters are driving increased demand for PV system with constant backup power, to keep your lights on when the grid is off.



## Visible Power, Easier Management

Locus management interface provides homeowners real-time visibility into the performance of your PV system and the information can be conveniently queried through APP anywhere and anytime.

The APP, available for iOS and Android, provides you with insights into the performance of your system by showcasing current output, PV production, weather, and environmental benefits over different time frames.



Smart Energy Center



Smart PV Optimizer



Backup Auto-transformer

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