engenera
renewables

RENEWABLE ENERGY & CARBON SOLUTION PROVIDERS

The system will comprise of:

12 x 410W Solar PV panels (4.92kW System)

410w JA Solar (or equivalent) Panels. All black, with complete black frame.

Each panel has the option to be optimised to maximise performance

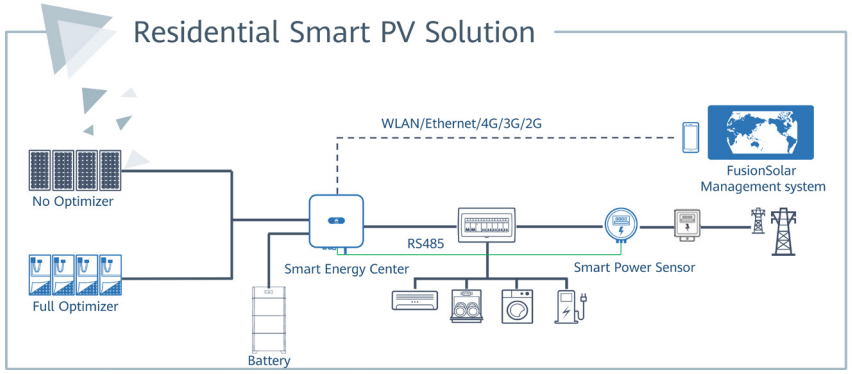
Smart String Inverter & Storage System

Huawei 4KTL-L1, 4kW Smart Inverter, AC, Opti-Ready. ARC Protection (see below).

Huawei Luna 5kWh Battery Pack

Phone/PC Monitoring System

SMART DONGLE - A-05 Wlan-FE Dongle, Communication. Smart Home monitoring portal for up to 10 Devices.



Each package includes:

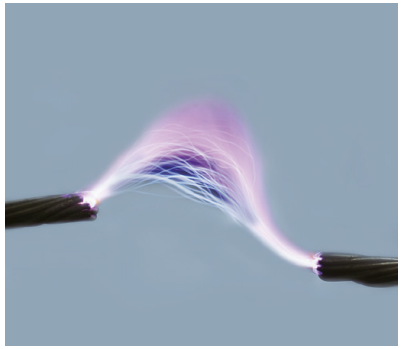
- A complete report based on the your specific system.
- Full design specific to your house roof.
- Specialist mounting system which suits your type of roof tile.
- Complete installation service with MCS commissioning.
- Handover pack with manuals, warranty information and maintenance advice.
- 24 month Installation warranty to cover any issues, post installation.

Active Safety

DC Arc Fault has been found the major cause of fire in PV system

What is Arc Fault?

Electrical breakdown of air that produces a prolonged electrical discharge.



What is the harm?

Temperature reaching above 3000 degrees celcius easily causes fires.

Where does arc fault Occur in a PV System?

- Loose or incompatible PV connectors
- Broken PV cables

AI Powered Active Arcing Protection

What is AI Powered AFCI (Arc Fault Circuit Interrupter)?

HUAWEI inverter keeps self-learning new arc feature to accurately protect system from arc fault, even under complex noise.

About Huawei

Huawei is a leading global provider of information and communications technology(ICT) infrastructure and smart devices.

With integrated solutions across four key domains – telecom networks, IT, smart devices, and cloud services – it is committed to bringing digital to every person, home and organization for a fully connected, intelligent world. Huawei's end-to-end portfolio of products, solutions and services are both competitive and secure.

Through open collaboration with ecosystem partners, it creates lasting value for its customers, working to empower people, enrich home life, and inspire innovation in organizations of all shapes and sizes. At Huawei, innovation focuses on customer needs. It invests heavily in basic research, concentrating on technological breakthroughs that drive the world forward.