

FusionSolar

C&I Smart PV Solution



FusionSolar Commercial & Industrial Smart PV Solution



Smart PV Controller
SUN2000-12/15/17/20KTL-M2



Smart PV Controller
SUN2000-30/36/40KTL-M3



Smart PV Controller
SUN2000-50/60KTL-M0



Smart PV Controller
SUN2000-100KTL-M1
SUN2000-100KTL-M1 Pro



Smart PV Optimizer
SUN2000-450W-P
Power optimization of each module
* Only Support SUN2000-12-20KTL-M2, SUN2000-30-40KTL-M3



FusionSolar Portal & APP
Manage energy generation and consumption anytime and anywhere

Smart Dongle-4G/WLAN-FE
Connect up to 10 inverters to the FusionSolar Portal



SmartLogger3000A
Connect up to 80 inverters to the FusionSolar Portal



* Only Support SUN2000-12-20KTL-M2, SUN2000-30-40KTL-M3

Smart Power Sensor
DTSU666-H 250A/50mA (Three Phase)
Manage power export limitation



Get FusionSolar with peace in mind

Excellent product quality with extendable warranty to protect your investment



Where to buy

Please put your information / namecard here

Contact Us

Huawei FusionSolar
 Huawei FusionSolar

@HuaweiFusionSolar
 @HuaweiSolar



community.solar.huawei.com



"The most significant developments and pioneering solutions in the solar industry..."
-2019 InterSolar, Munich, Germany

Know

Huawei with 5 Numbers



170+
Countries & regions with
Huawei products and services



14
Research institutes
/labs/centers



194,000
Huawei employees worldwide



49
Fortune Global 500



130GW+
Huawei inverters deployed
worldwide

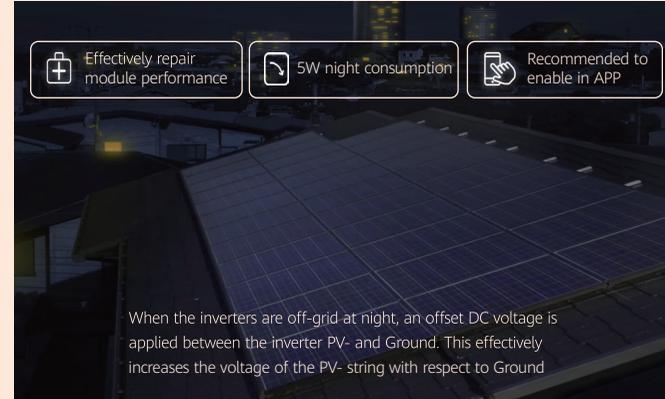


Optimal Electricity Cost

Up to 30% More Energy by Optimizers



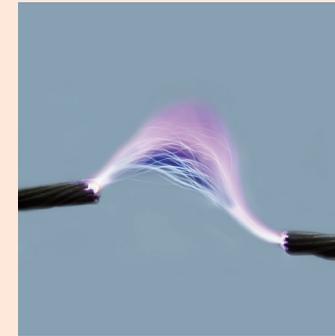
Built-in PID Recovery, Secure Better Module Performance



Huawei inverter with PID recovery increases energy yield by 1.59% within 6 months



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°C, easily causes fires.

Where Does Arc Fault Occur in PV System?

- Loosen 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.



Intelligent

Self-learning new arc features with AI model

Accurate

Accurate arc fault detection via local neural network algorithm

Speedy

Speedy arc fault protection by inverter shutdown in 0.5s



Better Experience

No Fuse & Other Quick-wear Parts, Natural Cooling



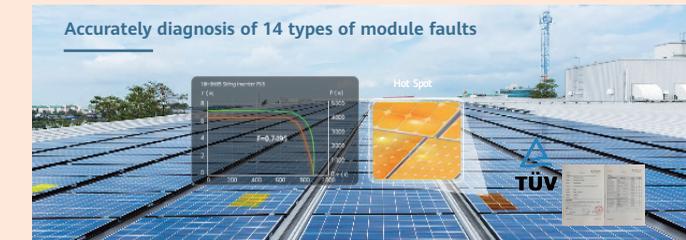
<40 sec Module Auto-Mapping



Operating Steps	HUAWEI Solution	Other Solutions
2D barcode paste on template	Same	Same
Physical layout creation	40sec(AI powered)	30min(manual)
Total configuration time	<1min	30min

Saving **95%** configuration time compared with other solutions
Note: for a typical **100kw system with 400 optimizers**

Online Smart I-V Curve Diagnosis, Module Touch Free



Conventional offline diagnosis	Huawei smart online diagnosis
Onsite diagnosis by experts in 1day	Online diagnosis in 2min
1%-10% sample scanning	100% string scanning
Manual data analysis & Report Writing	Auto diagnosis report generated in 10min*
Yield loss during the test (inverters off)	Almost Zero yield loss

* For typical MW system