

Innovating Together to Win the Future



Huawei as a Leading ICT and Smart Device Provider

Our vision is to bring 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, we create lasting value for our 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.

We invest heavily in basic research, concentrating on technological breakthroughs that drive the world forward.



195,000

Employees



80000+

R&D Employees



170+

countries



68 in

Interbrand's Top 100
Best Global Brands

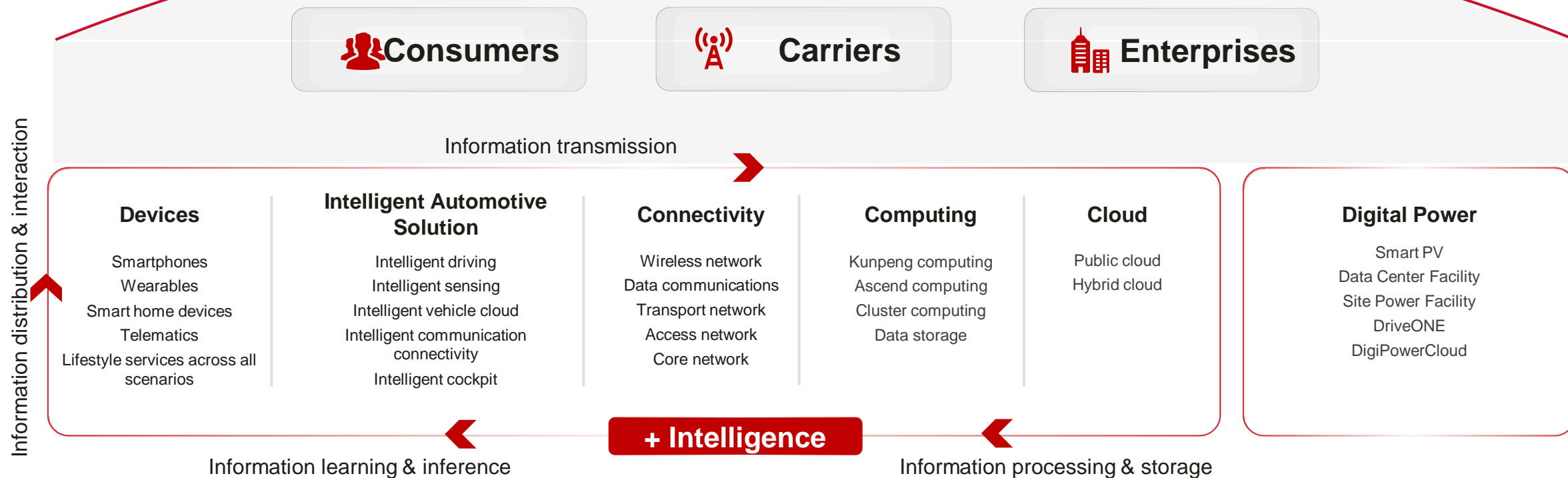


44 in

Fortune Global 500

Focusing on ICT to provide products, solutions, and services to three customer groups

Bringing digital to every person, home, and organization for a fully connected, intelligent world





Smart PV

FusionSolar, Smart PV Solution for All Scenarios

Smart String Inverter and Transformer

Smart Array Controller & Smartlogger

Management System

Utility



Inverter
SUN2000

330 KTL H1



Smart
Transformer
Station

STS JUPITER 3000

STS JUPITER 6000

STS JUPITER 9000



FusionCharge
Module



SACU 2000D



FusionSolar Management
System

Commercial
& Industry



Inverter
SUN2000

3 Phase 12 – 15 – 17 – 20 – 25 KTL M5

30 – 36 – 40 – 50 KTL M3

60 KTL M0

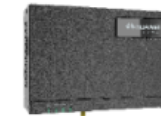
100 – 115 KTL M2



Smart
Charger



Smart Dongle



Smart Logger
3000A



FusionSolar Cloud

Residential



Inverter
SUN2000

Mono Phase

2 – 3 – 3.68 – 4 – 4.6 – 5 – 6 KTL L1

3 Phase

3 – 4 – 5 – 6 – 8 – 10 KTL M1



Optimizer



Smart Power
Sensor



Smart Dongle

FusionSolar, Storage Solution for All Scenarios

Residential



LUNA2000
5-10-15 KWH S0

Commercial & Industrial



LUNA2000 200 KWH 2H1



Smart PCS

Utility



LUNA2000-2.0MWH-1H0/1H1/2H1



SmartACU2000D
Smart Array Controller



Smart PCS



DC LV Panel



FusionSolar, Solution for All Scenarios



7.4
kW/32A

22
kW/32A

HUAWEI SMART
CHARGER



FusionCharge
Module

FusionSolar, Advantages and Benefits



Optimal Electricity Cost

- ✓ Up to 30% More Energy by Optimizing Each Module Performance;
 - ✓ 2 Strings per MPPT, More Energy Yields;
 - ✓ PID Recovery Built-in to Secure Better Module Performance.
- Potential-induced degradation (PID) is **a potential-induced performance degradation in crystalline photovoltaic modules, caused by so-called stray currents.**
- Huawei PID recovery inverter increases power yield by **1.59% within 6 months.**



Active Safety

- ✓ 0V Module-level Voltage Shutdown, Touch Safe
The output voltage of each module will be reduced to 0V in emergency cases;
- ✓ Provide highest safety for installers, maintenance personnel and firefighters;
- ✓ Meets the most advanced safety standards, NEC 2014 & 2017, Rapid Shutdown Compliant.



Better Experience

- ✓ No Fuse or Other Quick-wear Parts, Inverter Touch Free
NO Fuse, NO LCD, NO Button;
TÜV verified: annual failure rate < 0.5% - Inverter availability up to 99.996%;
- ✓ Natural Cooling Verified by Telecom & Solar Application.

CALUGARENI ROMANIA

Huawei FusionSolar Smart PV in SUN CHALLENGE Park

Total capacity **63 MW**

Inverters – 132 pcs. x 215 KTL

STS – 9 pcs. x JUPITER 6000



Qinghai Santara utility-scale
PV project

Huawei FusionSolar Smart PV in the world's largest PV plant

Total capacity **2.2 GW**, including 1.6 GW
of Huawei inverters.

Grid forming – stable operation in
all-scenario grid scenarios (SCR down to 1.2)

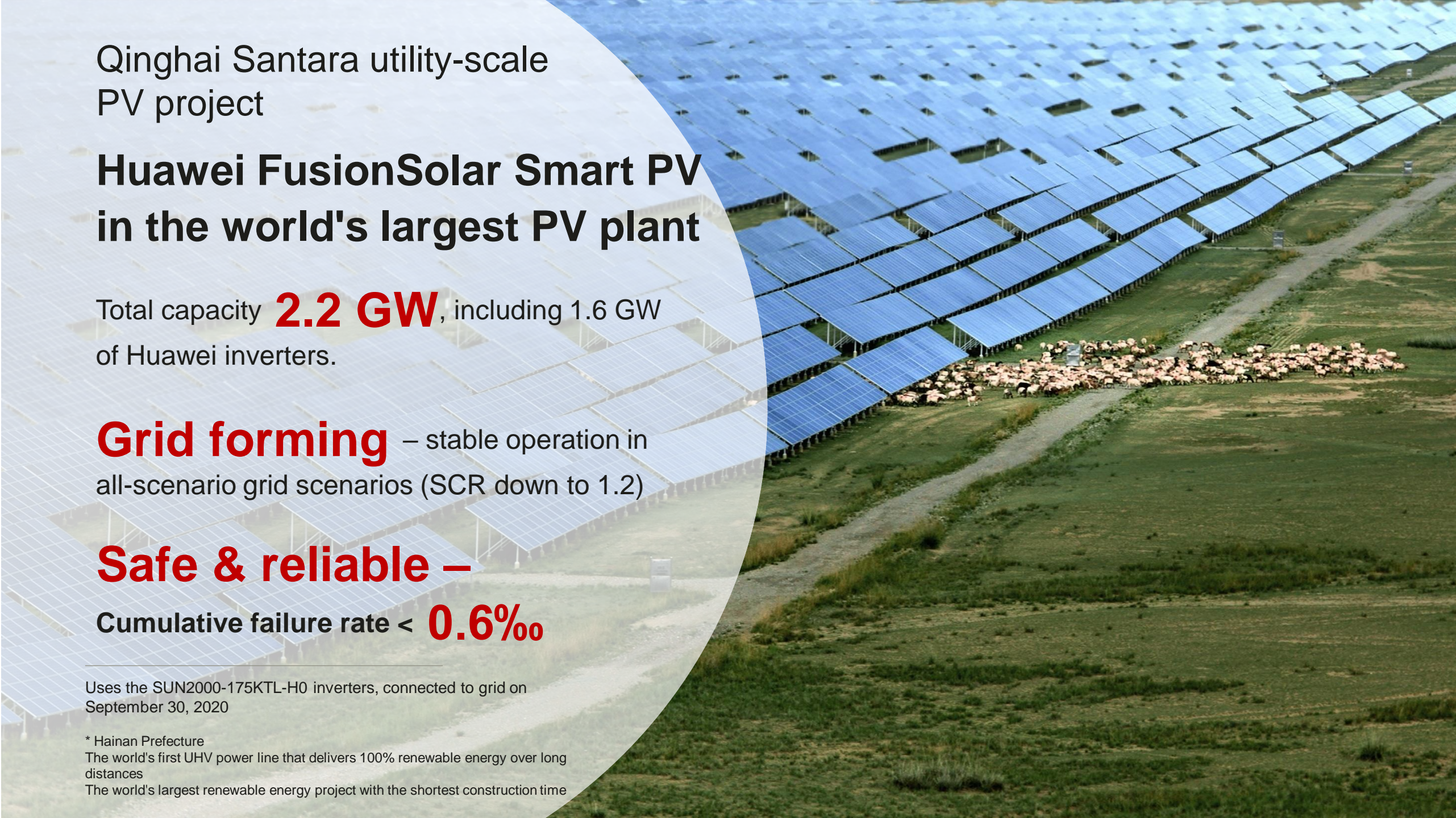
Safe & reliable –
Cumulative failure rate < **0.6‰**

Uses the SUN2000-175KTL-H0 inverters, connected to grid on
September 30, 2020

* Hainan Prefecture

The world's first UHV power line that delivers 100% renewable energy over long
distances

The world's largest renewable energy project with the shortest construction time



Thank you.

Bring digital to every person, home and organization for a fully connected, intelligent world.

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