

ENERGY TO POWER YOUR LIFE

SOFARSOLAR Co., Ltd.

01

Global Presence



20+

Global
branches

90+

Countries with
SOFARSOLAR
installed



01 Outperforming market growth



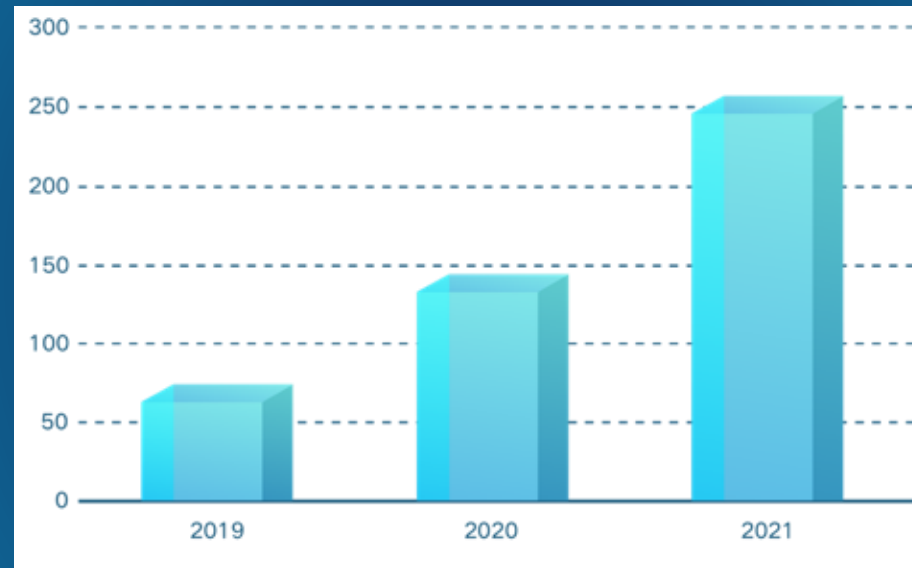
1700+

employees

30%+

R&D engineers

Global Revenue (Mio. EUR)



Compound annual growth rate

86%

10 GW

Annual inverter
production capacity

1 GWh

Annual battery
Production capacity

01 About SOFARSOLAR



SOFARSOLAR GmbH

Europe Headquarters

Krämerstr. 20, 72764 Reutlingen, Germany



Warehouses

- **Inverters:** Kühne+Nagel, Doesburg, Netherlands
- **Batteries:** DVR Warehousing B.V., Rotterdam, Netherlands

02 SOFARSOLAR Product Portfolio



Residential



3–6 kW / 5–30 kWh
Intelligent Hybrid Storage



5–10 kW / 5 – 30 kWh
Hybrid Storage



1.1–10.5 kW
1-phase Solar



3–12 kW
3-phase Solar



C&I



15–20 kW / 10–200 kWh
3-Phase Energy Storage System



15 – 110 kW
3-Phase Solar



Utility



255 kW 1500 Vdc / 800 Vac
3-Phase Inverter

— SOFARSOLAR grid-tied String Inverter —

Single Phase Inverters



1.1KTL-G3
—
3.3KTL-G3

3KTLM-G3
—
6KTLM-G3

7KTLM-G3
—
10.5KTLM-G3

Three-phase Inverters



3KTLX-G3
—
12KTLX-G3

15KTLX-G3
—
24KTLX-G3

25KTL-G3
—
50KTL-G3

60KTL-G3
—
80KTL-G3

100KTL
—
136KTL-HV

255KTL-HV

— SOFARSOLAR Hybrid & Energy Storage —

Storage-Inverter



1-phase

3-phase

ME 3000-SP
LV

ME 5KTL-3PH
—
ME 20KTL-3PH
HV / 2 Battery inputs

Hybrid Inverter



1-phase

3-phase

HYD 3000-EP
—
HYD 6000-EP
LV

HYD 5KTL-3PH
—
HYD 20KTL-3PH
HV / 2 Battery inputs

LV Storage



GTX 5000
5,0 kWh
(48 V)

HV Storage



GTX 3000-H
10–25 kWh
(200–600 V)

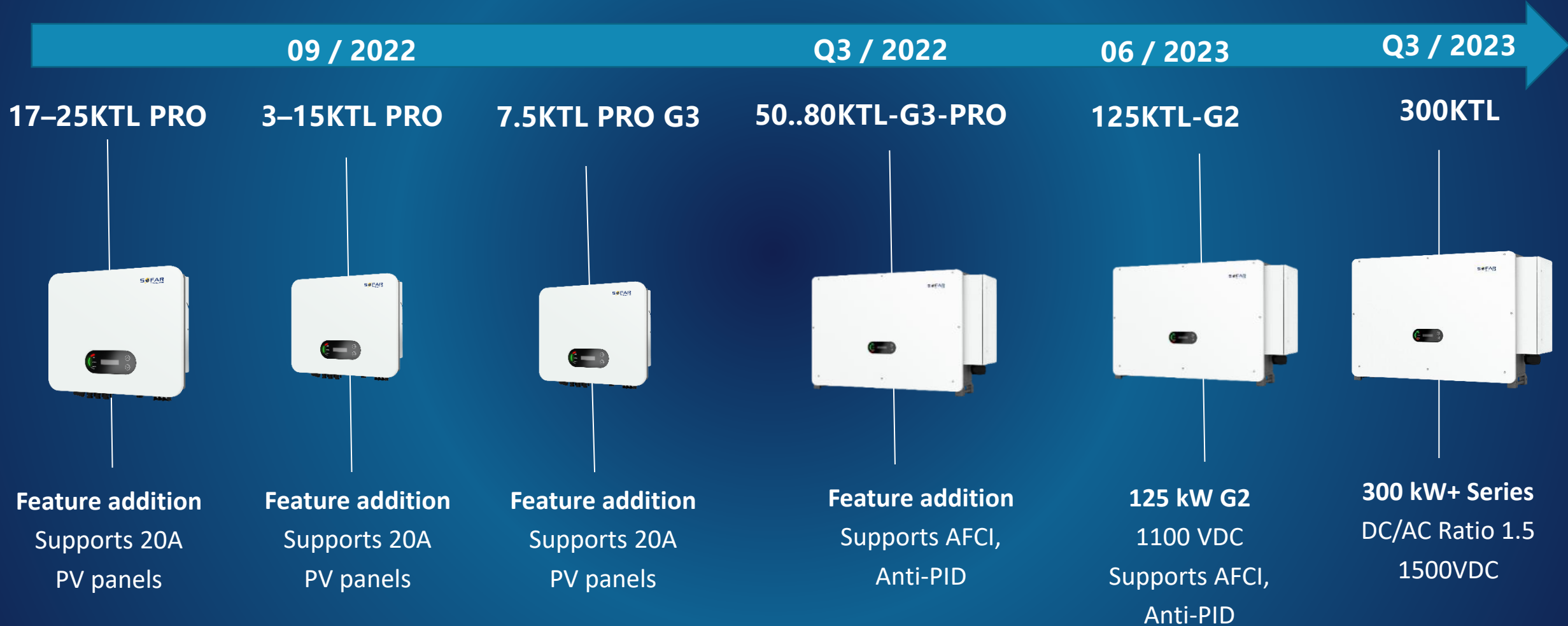
Power All



BTS 5K
5–20 kWh
(400 V)

All in One
5–30 kWh
(400 V)

02 SOFARSOLAR Product Roadmap



02 Monitoring

Residential System Monitoring



Commercial System Monitoring



Monitor System

02 Solarman Business



The dashboard for plant Sallèles (ID: 302298) shows the following data:

- System Status:** Online, No Alerts. Last update: 2022/02/21 14:05:48 UTC +01:00.
- Inverter Rankings (Up to 10):**

| Inverter Name | Peak Hours Today(h) | Power Normalized |
|---------------|---------------------|------------------|
| Onduleur 9 | 2.46 | 87.77% |
| Onduleur 7 | 2.49 | 88.36% |
| Onduleur 10 | 2.5 | 93.44% |
- Planned Production:** A bar chart showing monthly production (blue), planned production (grey), and completion (green) for 2021. The y-axis represents MWh, ranging from 0 to 300.
- Work Order:** 0 Executing, 0 Finished.
- Environmental & Economic Benefits:**
 - Standard Coal Saved: 665.99 t
 - CD₂ Emission Reduction: 1659.98 t
 - Trees Planted: 4547.89
 - Total Yields: 183.14 kEUR

The Devices page for plant Sallèles (44 devices) shows the following data:

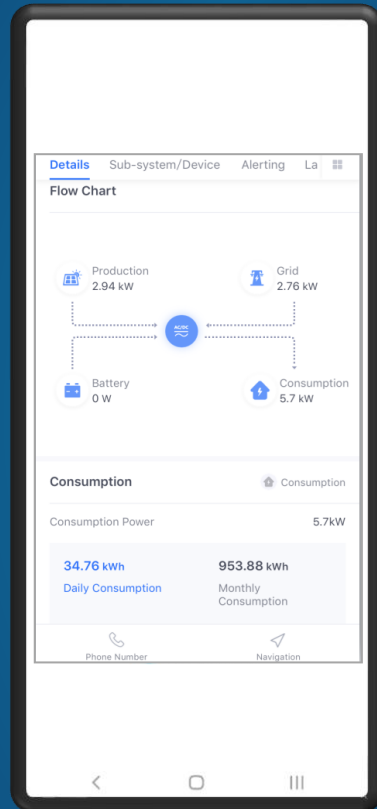
| Name/SN | Status | System | DC Discrete | Production(kW) | Operation |
|-------------------------------|--------|----------|-------------|----------------|-----------|
| Onduleur 13 SQ1ES180M1D085 | Online | Sallèles | 2.66% | 21.04 | |
| Onduleur 4 SQ1ES180M1D086 | Online | Sallèles | 2.64% | 68.68 | |
| Onduleur 6 SQ1ES180M1D087 | Online | Sallèles | 2.32% | 75.25 | |
| Onduleur 16 SQ1ES180M1D088 | Online | Sallèles | 1.78% | 62.94 | |
| Onduleur 22 SQ1ES180M1D089 | Online | Sallèles | 1.73% | 62.23 | |
| Onduleur 21 SQ1ES180M1D091 | Online | Sallèles | 1.99% | 22.89 | |
| Onduleur 1 SQ1ES180M1D095 | Online | Sallèles | 37.79% | 72.76 | |
| Onduleur 20 SQ1ES180M1D096 | Online | Sallèles | 1.7% | 63.65 | |
| Onduleur 9 SQ1ES180M1D097 | Online | Sallèles | 1.74% | 70.29 | |

Monitor System

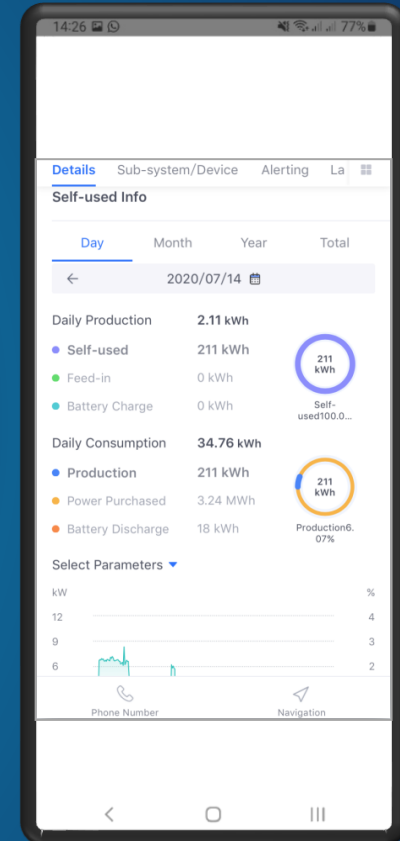
02 Solarman App



Solarman Business
(for installers)



Solarman Smart
(for end customers)



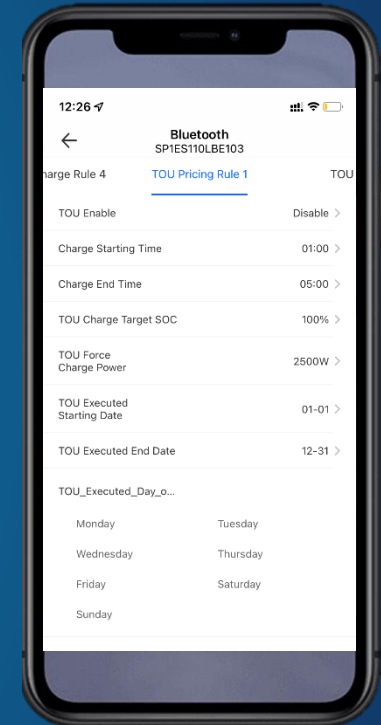
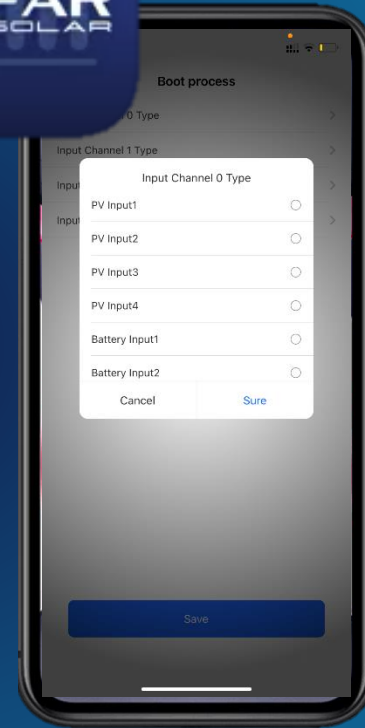
Monitor System

02 Sofar View App



The new SOFAR View App for iOS and Android!

- All Monitoring functions
- Make initial setup and advanced settings on Inverters
- Connection with integrated Bluetooth interface on all G3 inverters (incl. HYD -3PH)



Monitor System

02 Accessories – Energy Meter



| | | | |
|----------------|-----------------------|--------------------------|--|
| 901.00000048-1 | Smart Meter (3-phase) | Chint DTSU666 1,5(6)A | 3-phase Smart Meter Chint DTSU666 (external CT's required) for HYD 5–20KTL-3PH, ME 5–20KTL-3PH Electricity meter DTSU666 3X230/400V 0.05-1.5(6)A 50/60Hz 6400imp/kWh Cl.0, 5S(Cl.C) Preset: current ratio 40:1, baud rate 9600, communication address 1 (scope of supply in HYD 3PH inverter) |
| 901.00000058-0 | Smart Meter (3-phase) | Chint DTSU666 5(80)A | 3-phase Smart Meter Chint DTSU666 (direct connection up to 80A) for HYD 3PH inverters |
| 901.00000057-0 | Smart Meter (1-phase) | Chint DDSU666 (* /100mA) | 1-phase Smart Meter Chint DDSU666 (CT connection) 230V*/100mA 800imp/kWh) (current ratio 2000:1, baud rate 9600, communication address 1). Needed current Transformer: LCTA9CC-200A/100mA |
| 901.00000054-0 | Smart Meter (1-phase) | Chint DDSU666 5(80)A | 1-phase Smart Meter Chint DDSU666 (direct connection up to 80A) |





| | | | |
|----------------|--|---------------------------|--|
| 901.00000020-0 | Ethernet Stick LSE-3 (DB-9) | LSE-3A0251 | for monitoring single SOFAR inverter generation G1 and G2 |
| 901.00000060-0 | Ethernet Stick LSE-3 (USB) | LSE-3B3251 | for monitoring single SOFAR inverter generation G3 / HYD 3PH |
| 901.00000034-1 | WiFi Stick LSW-3 (DB-9) | LSW-3A0253-C (neutral) | for monitoring single SOFAR inverter generation G1 and G2 |
| 901.00000047-1 | WiFi Stick LSW-3 (USB) | LSW-3B3253-C | for monitoring and control single SOFAR inverter generation G3 / HYD 3PH |
| 901.00000041-2 | GPRS Stick LSG-3 (DB-9) | LSG-3A0201-C | for monitoring of single SOFAR inverter generation G1 and G2. Card slot version, without SIM card |
| 901.00000049-0 | GPRS Stick LSG-3 (DB-9) | LSG-3A0231-C | for monitoring of single SOFAR inverter generation G1 and G2. Card slot version with Europe SIM card. Data service "Option 2" has to be ordered seperately! |
| 901.00000055-1 | GPRS Stick LSG-3 (USB) | LSG-3B3203-C | for monitoring of single SOFAR inverter generation G1 and G2. Card slot version, without SIM card |
| 901.00000042-0 | LTE Stick LS4G-3 (USB) | LS4G-3A0201 | for monitoring of single SOFAR inverter generation G3 and HYD 3PH Card slot version, without SIM card, suitable for Europe and Australia |
| 901.00000052-0 | LTE Stick LS4G-3 (DB-9) | LS4G-3A0203-C | for monitoring of single SOFAR inverter generation G1 and G2. Card slot version, without SIM card, suitable for Europe. Supports SIM cards from Poland: Play, Plus, T-Mobile, U- Orange |
| 901.00000062-0 | LTE Stick LS4G-4 (USB + Data Service) | LS4G-4B3203-C | for monitoring of single SOFAR inverter generation G3 and HYD 3PH Card slot version, with SIM card and Data Service for 5 years in Europe |

03 Intelligent Energy Storage PowerALL / BTS



New product launch Intersolar 2022



Pre-sales Support

- Technical consulting
- System design
- Product Training
- 1st Installation support

On-sales Support

- Warehouse Rotterdam
- Logistics & Live Tracking
- On-time delivery

After-sales Support

- Free Software Upgrade
- Warranty Replacement
- Warranty Extension
- Thulium Ticket phone system
- Online Service tool

04 Europe Service

Service Concept



04 Europe Service: Warranty Claim



To create a warranty claim, please click on “New Claim”

Warranty Claim

Warranty claim process: 1.Submit a claim → 2.Claim Processing → 3.Outcome → 4.Feedback

Search claim id, end user name, sn

+ New Claim | Draft | Processing | Finished | Cancelled | Show all

| Case ID | End user name | Serial number | Current handler | History handlers | Status | Action |
|-----------------|---------------|----------------|-----------------|------------------|---------------------|---------|
| WR-20201119-002 | Fisher XU | SF4ES004L4L321 | XU | XU, 许弘瑜, 许弘瑜 | Finished, not rated | Process |
| WR-20201119-001 | Fisher XU | SF4ES004L4L321 | XU | XU, 许弘瑜, 许弘瑜 | Finished, not rated | Process |

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A large, semi-transparent globe with a grid pattern, centered on the Atlantic Ocean, serving as a background for the central text.

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02 | Products and Technology

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05 | References

05 References – PV Systems



Brazil 2 MW



Pakistan 200 kW



Vietnam 1 MW



India 1.2 MW



South Korea 10 MW



Netherlands 800 kW



05 References Storage Systems



Niederlande



Deutschland



Südafrika



Australia



Südafrika



Zimbabwe

Thank you for your attention



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