



Scan the code, know about more.

Germany:

Adresse

Stralauer Platz 33-34, 10243 Berlin, Germany

Email

market@pvstar.com

Site web

www.chintpvstar.com

Switzerland:

Adresse

Ch. du bois de l'Hôpital 3, 1052 Le Mont/ Lausanne

Email

info@swisstarpv.com

Site web

www.swisstarpv.com

Rooftop Photovoltaic System **Solution Provider**

Committed to becoming the world's leading provider of smart energy solutions

CONTENTS

Solution For Rooftop Photovoltaic Power Station System

ABOUT US	02
CHINT Group	04
CHINT Anneng	05
PVSTAR	07
ENERGY SOLUTION	10
PVSTAR Solution	11
System Support	13
OUR ADVANTAGES	16
Digital Platform	17
Operation Capabilities	19
Quality Assurance	20
Talent Empowerment	21
BUSINESS FEATURES	24
Our Partners	26
Business Mode	26
PROJECTS	30



01

About Us

About Us



CHINT Group

601877 CHINT Electric

Chint Group is a leading enterprise of industry electrical appliances and new energy leader in China.



Established in

1984



Business layout

140+



Employees

40000+



Annual operating income(Billion)

100+



Listed company in Asia

TOP 50

CHINT Anneng

Founded in 2015, CHINT Anneng is a residential PV company under the CHINT Group, with a registered capital of 2.438 billion CNY. CHINT Anneng focusing on providing the end-users with all-in-one solutions, including residential PV systems co-development, purchase and leasing, covering the full range of design, installation and after-sales operation and maintenance. Up to now, CHINT Anneng's end-users has exceeded 1 million, with a market share of over 30%.



Our Vision

Committed to being a high-tech, light asset, platform based, service-oriented, and digitized world-leading comprehensive energy solutions provider to customer



Our Mission

Bring the world to green faster



Business Philosophy

Create value for customers as well as seeking promotion for employees and taking responsibility for society

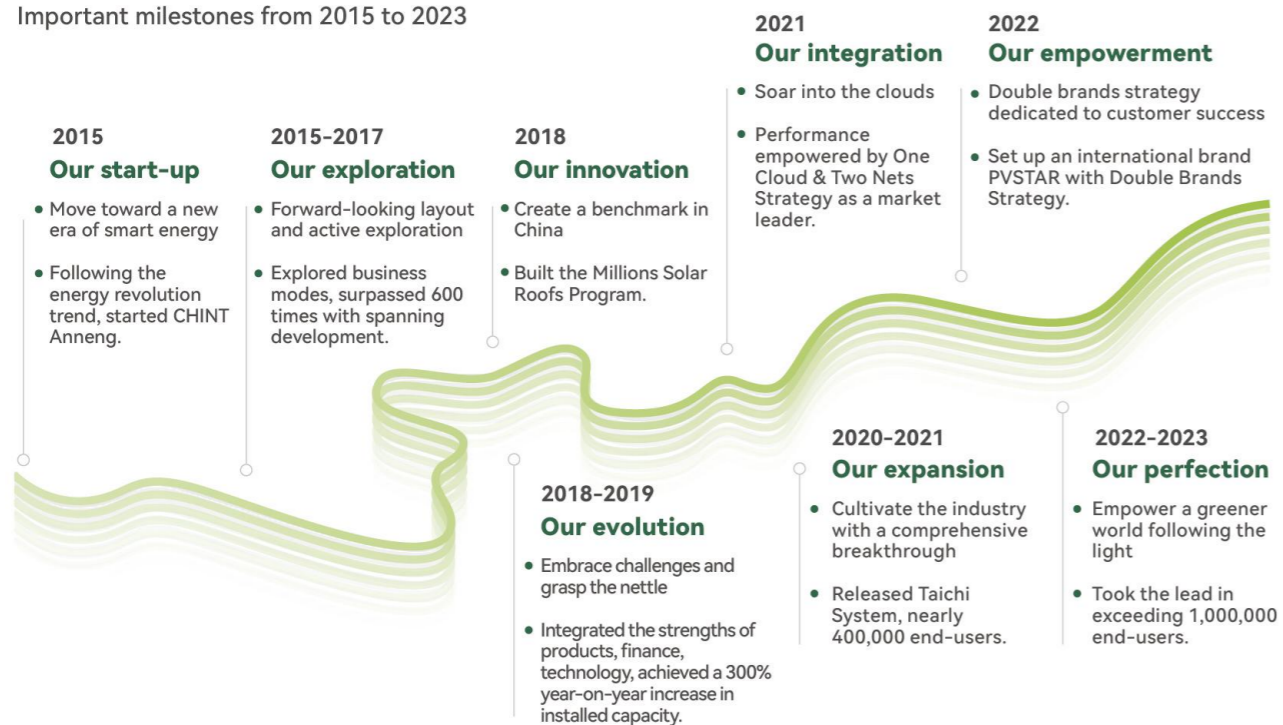


Core Values

Customer-centered, market-oriented, innovation-driven, striver-based, integrity-guided

Company History

Important milestones from 2015 to 2023



ANNENG In Numbers

Dedicated to bringing more green power to the world.



Development volume in 2023

10_{GW+}



Global residential PV

1 Million



Power generation

24 Million KWh



Agent number

1000+



Employees

2000+



Business Scope

Electricity:

Generation

Storage

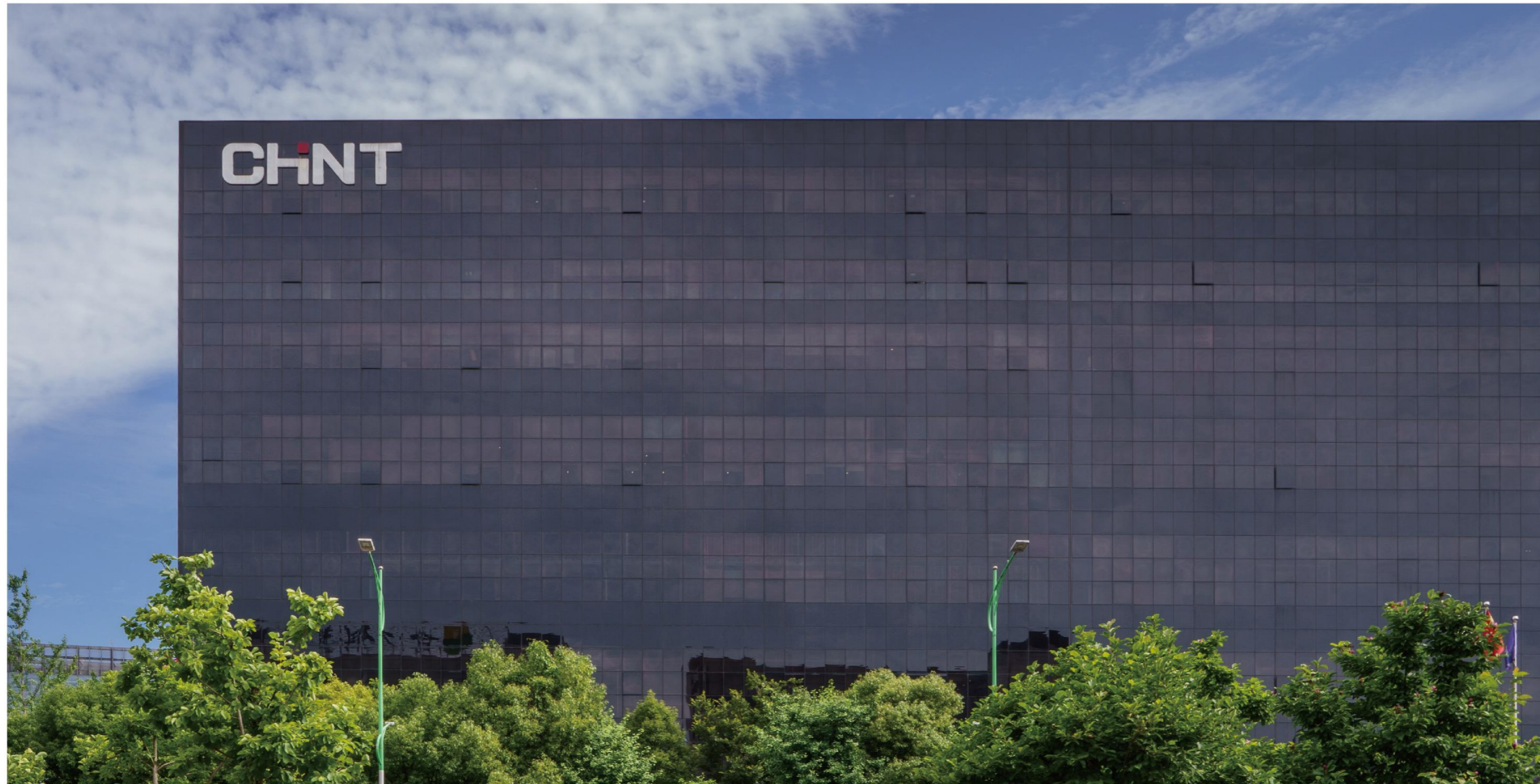
Transmission

Transformation

Distribution

Sale

Consumption



PVSTAR is a world-leading rooftop PV company under the CHINT Group with registered capital 2 million euros. We provide integrated rooftop PV solutions powered by whole lifecycle management technology. The product portfolio has a broad range that includes solar modules, storage, solar inverters, and other components, committing to being the global leader in smart PV energy solutions.

Following the energy revolution trend, PVSTAR provides the market integrated PV solutions, building a comprehensive and leading development system adheres to its core value of innovation. With a wealth of cutting-edge products and solutions, PVSTAR provides one-stop and life cycle services through efficient power generation, safety and reliability, intelligent O&M technologies, strive to empowering a greener world. With a global vision and big-picture thinking, we work with our partners to help our planet move toward a new era of smart energy.

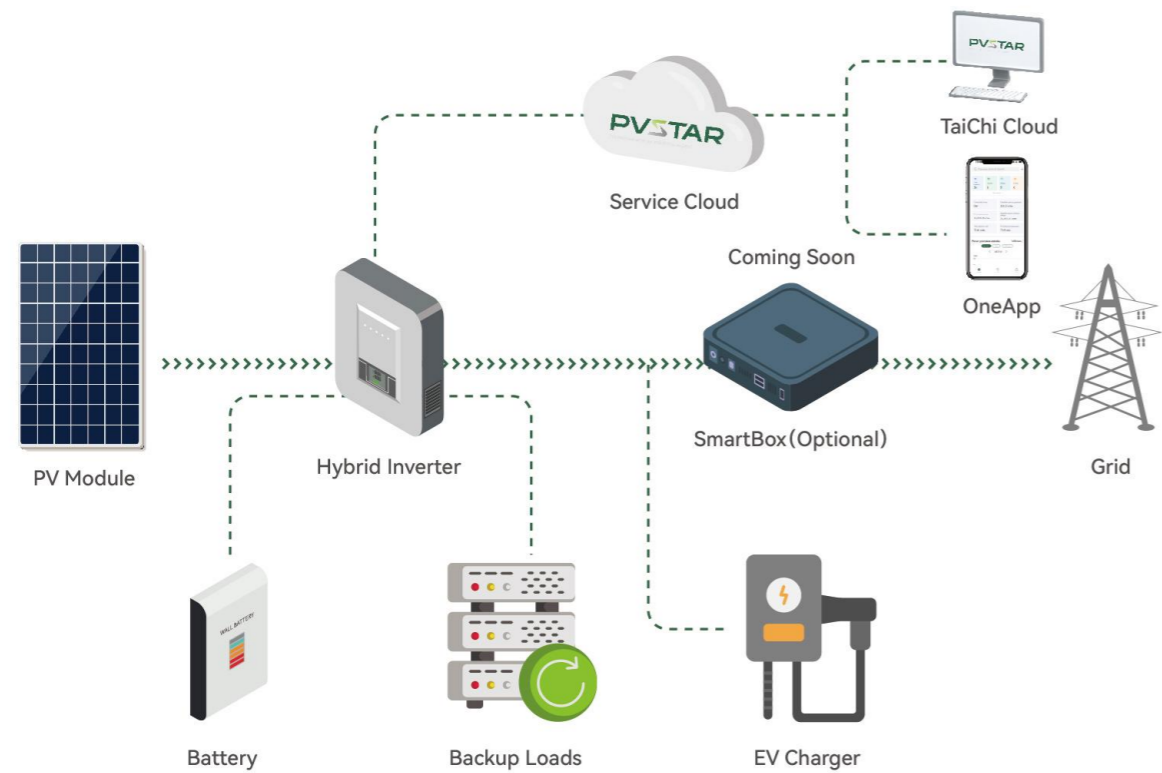


02

**Energy
Solution**

PVSTAR Solution

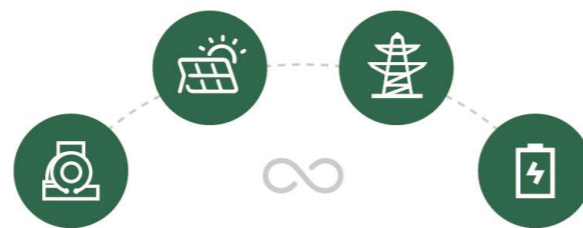
PVSTAR Solution System Design



System Strengths




© Support multi-energy access such as grid, PV, battery, generator, etc., with grid-connected switching time <20ms (AST configuration required).

© Higher electricity generation (optimizer) + more energy storage capacity (energy optimizer) + higher system security (AFCI) + fast and intelligent O&M (TaiChi Cloud) + aluminum-magnesium alloy integration mountings



AI Intelligent Prediction

3 Standard Modes

- 
Sunny Day Mode
 Reserve storage space to absorb solar power (all absorbed solar energy or solar + fossil energy).
- 
Rainy Day Mode
 Absorb fossil energy early morning.
- 
Smart Home Mode
 Automatic adjustment of EV charging according to real-time power for more economic optimization.

Smart rooftop PV & Energy Storage Solution

Developing systems on cloud platform + O&M on cloud platform + Connect thousands of families to a virtual power plant



System Support

PVSTAR Home

Solar Module + Battery Pack + Inverter(Micro Inverter) + V2G Charger(coming soon) Collector + Optimizer + Intelligent Power Sensor + RSD + Bracket + Cable + Cloud Platform + SmartApp

PV Module

- All Black modules;
- Single module area<2m²;
- N Type;



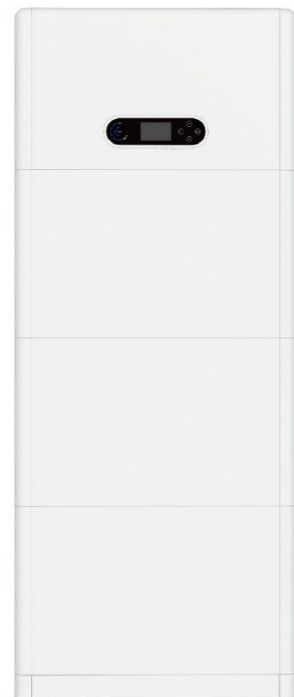
RSD

- SUN Spec certified;
- PLC communication;
- Less noise and higher efficiency;



Mountings

- AL6005-T5,professional customized design;
- High-strength aluminium alloy material to ensure stability and strength;
- 10-year product warranty,25-year service-life guarantee;



Inverter

- Multi-band hybrid inverter;
- 97% efficiency;
- Multiple MPPT link optimiser;

Smart App

- OneApp for smart home and energy management.



EV Charger

- Single phase electric vehicle charger;
- 7kW, 11kW, 22kW;
- 2-stage charging;



Li-ion battery system

- stackable design;
- Safe and efficient,easy to expand;

Digitalisation of Energy System

Smart Operation and Maintenance Ecology Cloud

Xiao'an Care

Digital intelligent platform + professional operation and maintenance capabilities
Realizing the added value of photovoltaic power plants



Marketing Strategy Business Cloud

Chint ANNENG Cloud Steward

Photovoltaic business agent one-stop steward service

Chint ANNENG Smart Cloud

On-hand Photovoltaic Life for PV owners, Comprehensive Lifecycle Management of Power Plant Operations

Customer relationship management
Omni-channel customer access, market analysis, strategy promotion

Photovoltaic Planet

A non-profit organization dedicated to cultivating comprehensive talents in household photovoltaics



Chint ANNENG Service Cloud

Robot customer service, cloud call center, electronic signing
Artificial online customer service, intelligent workorder

Multi-cloud architecture services

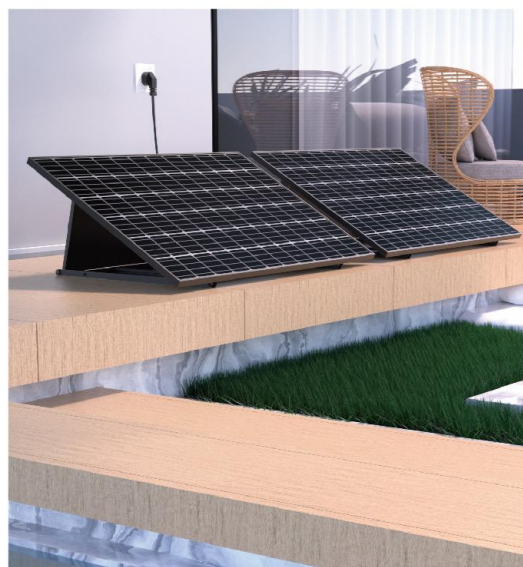
Visitor identification, behavior tracking, voice recognition, intelligent routing



Chint ANNENG Regulatory Cloud

Power plant operation cloud supervision
Power plant data monitoring, intelligent maintenance, value-added calculation

Safety construction cloud supervision
Safety identification, behavior analysis, intelligent supervision



Fast Assembly Mountings

Adjustable angle

Adjustable angle of the PV system mountings, strong adaptability to the site, improve power generation efficiency

Integrated design

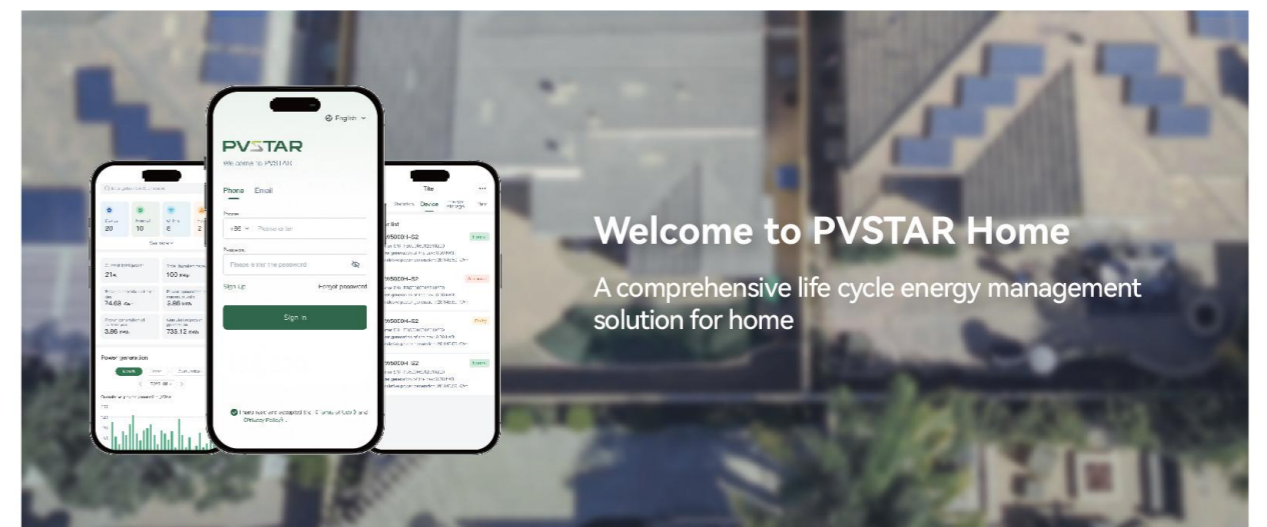
Portable and foldable, suitable for various applications

12-year warranty

Quality guarantee, 12-year mountings warranty

Easy installation

Out of the box, no need for professionals, high installation efficiency with low labor cost





03

Our Advantages

Digital Platform

Pre-sales, in-sales and after-sales are integrated and implemented on cloud platform, emphasized points for partners:

Marketing System

- Online butler**
All-in-one service for distributors
- Customer relationship management**
Marketing promotion for all customers
- PV systems management**
Life-cycle management of PV systems for end-customers
- PV planet**
PV academy for all and free

Xiaoon Care

Smart digital platform + Professional operation and maintenance
To achieve increment of PV systems

Monitor System

- Remote monitor of PV systems**
 - Monitor of PV systems' data
 - Smart maintenance
 - Calculation of increment
 -
- Safe installation management**
 - Security monitor
 - Behaviors analysis
 - Smart monitor
 -

Other Innovative Service Systems

Smart charging

- Low-carbon for our future
- Our exploration of PV

Service System

Multi-cloud service

- AI customer service
- Call-center
- E-signing
- Visitor identification
- Behavior tracking
- Voice identification
- Smart router
- Human online customer service
- Smart service distribution
-

Global Service System

Pre-sales Service

01

PV system solution

02

Online & offline workshop

03

PV academy

After-sales Service

Full lifecycle guarantee --> Taichi cloud (EAM) system --> 6 O&M guarantee --> take care of all your O&M needs

Business operation guarantee

1 million+ users, \$3.5 billion asset management experience

Service guarantee

24/7 service

Personnel guarantee

Local professional service team, experienced in O&M.

Intelligence guarantee

Taichi cloud platform, locating problems with big data analysis.

Network guarantee

Widespread network coverage, real-time collection of hardware data.

Timeliness guarantee

Quick response, timely door to door service.

Intelligence: PV + energy storage management; real-time monitoring of multiple PV systems; fault data collection and automatic dispatching service; quick response by AI/Human.

Professional: Real-time PV system data backup; intelligent calculation of PV system lifecycle, safety and potential faults, efficient trouble shooting.

Networking: Visualization of PV systems, panoramic view, clearly visible; 1 hour quick response; 72 hours door-to-door maintenance service.

Advantages

Integrated online and offline ordering; one-click navigation; order records.

Call center: Quick technical and trouble shooting support

One-stop service

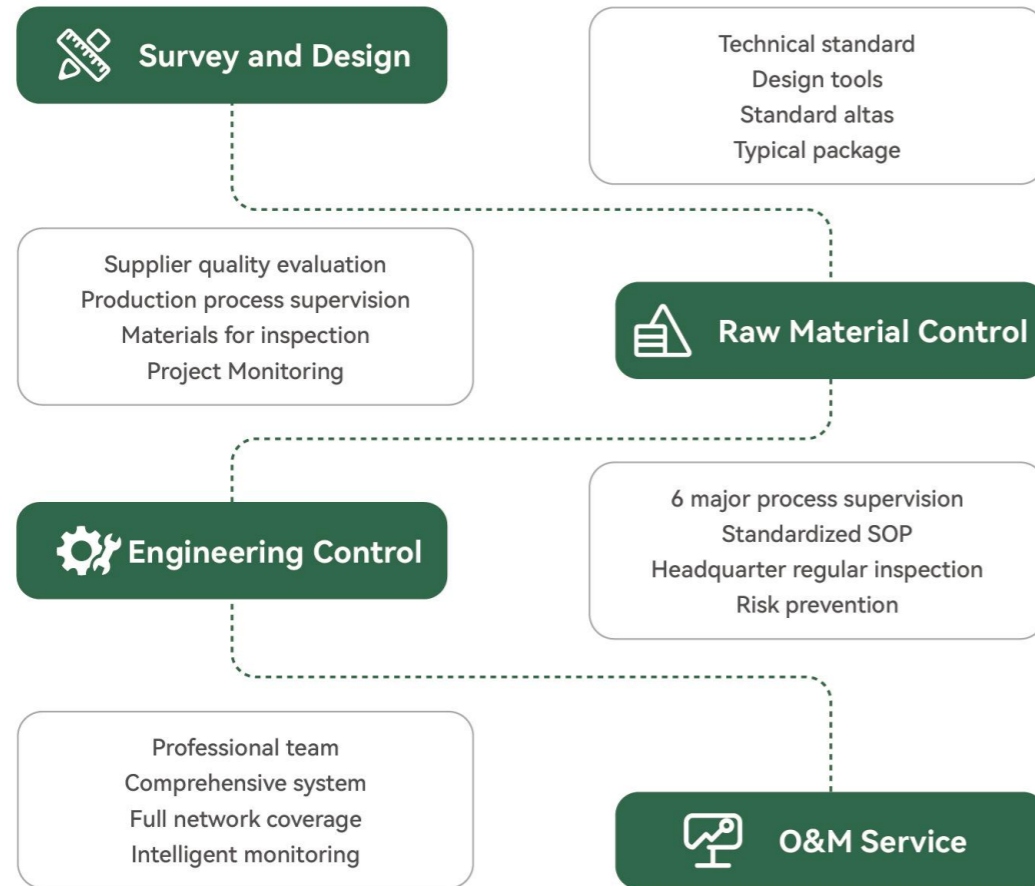
Customer satisfaction follow-up

Local services & global enterprise

Email: service@pvstar.com

Excellent Operational Capabilities

Power Plant Life Cycle Quality Management



Supply Quality Assurance



Quality Assurance

Compliance with 3 international standard ISO quality system certifications and international certificate of compliance ensures impeccable delivery of the entire process from design to installation.



Global strategic layout:

global marketing centre + global research center + global production center + global logistics centre, etc;



Efficient Supply Chain

- Full support of partners
- Localized warehouse
- Delivery by sets
- 3-5 days shipping time

Talent Empower

© PVSTAR Channel Capability Enhancement, PVSTAR Enhancement Plan;

© For: sales, technicals, O&M engineers, operations personnel, and management

© Form: online/offline

2017

Establishment Time

100,000⁺

Number of trainees

400⁺

Courses

05

Categories

100⁺

Lecturers

PV Planet



© Anytime, anywhere, as you like: empower dealers/installers

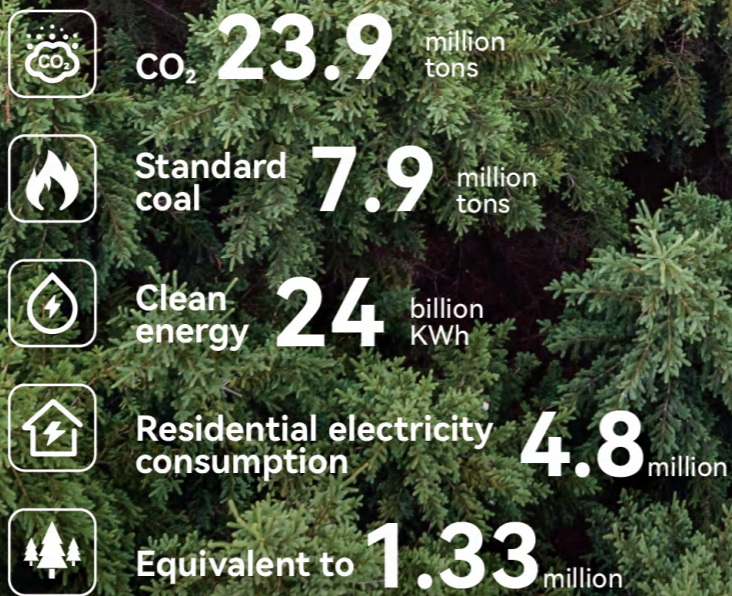




04

Business Features

Social Responsibility



Our Partners



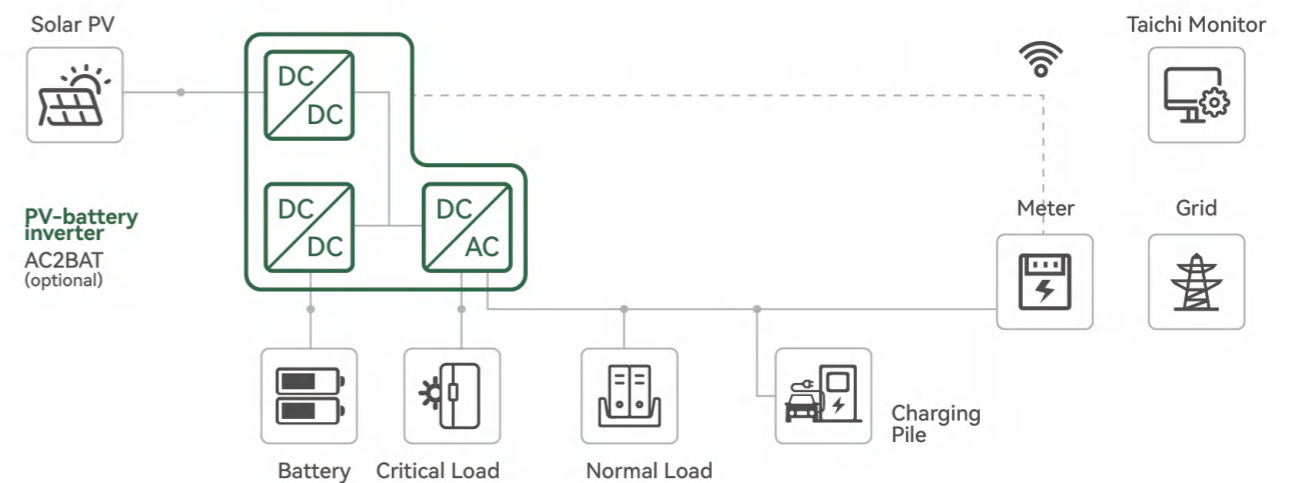
Business Mode

Become our partner

- ⊙ PV system products sales
- ⊙ Co-operative development
- ⊙ Leasing

PV System Solution

PVSTAR Solution Provides All-in-one solution, life cycle service.



Leasing

Rent a PV system and install it on your roof to have the benefits.



High Returns & Low Costs



Excellent Guarantee & Service

- ⦿ Easy to install
- ⦿ Increase the value of your home

- ⦿ Generate electricity in any climate
- ⦿ Save your money by going solar

Co-operative Development

Lease your roof to the solar company for PV system installation and share the benefits.



0 Investment & Low Risk

- ⦿ A clean and green energy source
- ⦿ Reduce your home's electricity bill

Excellent O&M Service

24/7 pro-active monitor for taking care of your home



Intelligent Cloud-EAM

- ⦿ 7x24hrs service
- ⦿ Automatic order dispatch

Market opportunities

2,000+ partners
1,000,000+ end users

Platform planning

Connecting users, partners and PVSTAR to a community network.

Lifecycle service

24/7 real-time collection of hardware data, one-stop service for all rooftop scenarios.

Contact us: market@pvstar.com; info@swisstarpv.com





05

Projects

PROJECTS

Commercial & Industrial

Ningbo Innolux 3.5MW rooftop photovoltaic power station



Hangzhou East Railway Station project capacity 10MW



Deqing Tianma 16MW rooftop photovoltaic power station



Residential

Jiuxi Rose Garden, Hangzhou, Zhejiang Province

