Open Energy for All

2012
Hoymiles established

1600+
global employees

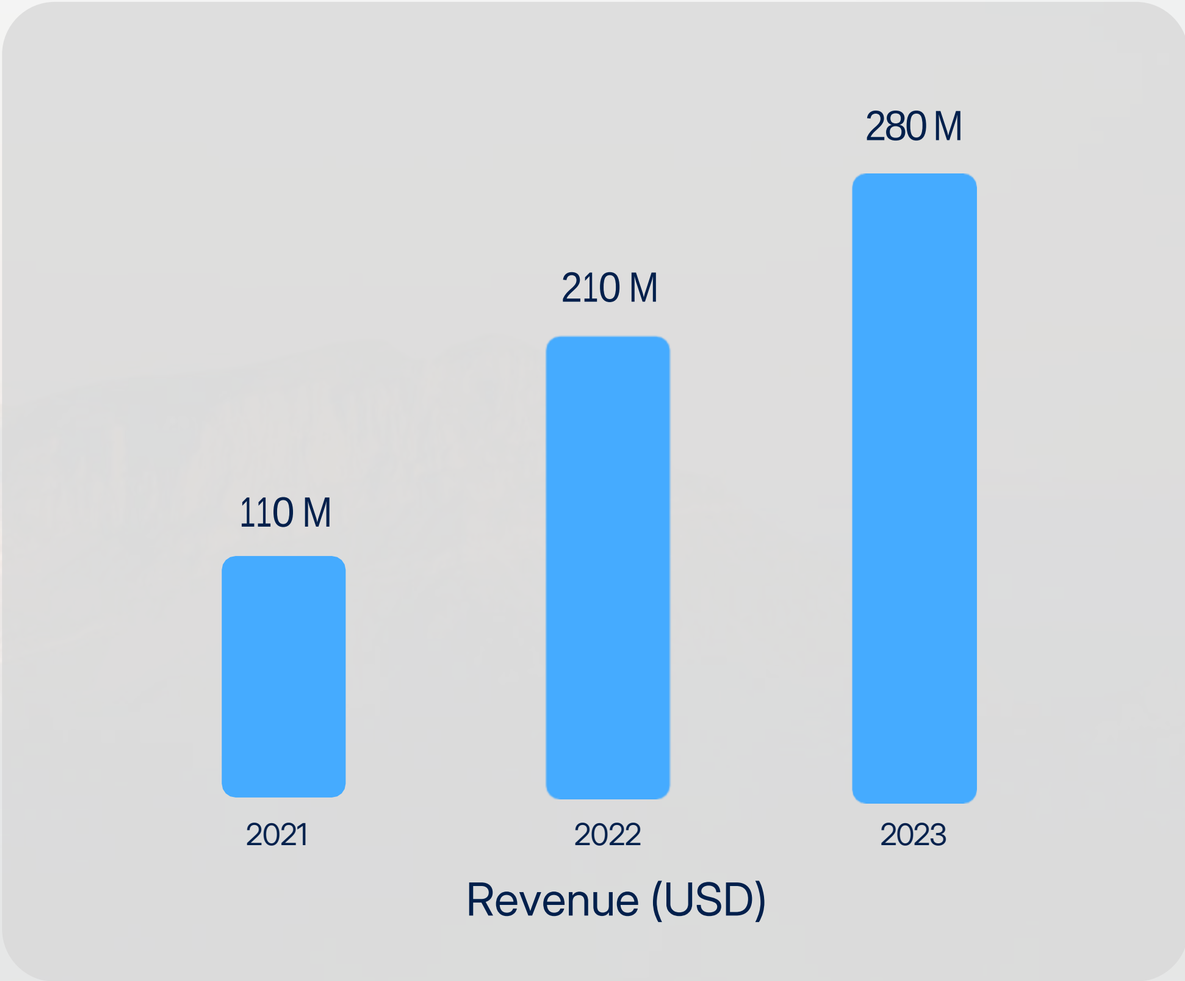
31%+
R&D staff

4
manufacturing bases

190+
countries & regions with installation

No.2
microinverter supplier globally*

*S&P Global Commodity Insights estimates that Hoymiles was ranked the number two microinverter supplier globally in shipment terms from 2021 to 2023.



12+ years of open energy adventure

2012
Haymiles was established

2014
1x1, 1p* microinverter

2015
2x1, 1p* microinverter

2017
4x1, 1p* microinverter

2019
Microinverter with reactive power control

2020
1st gen residential storage system

2021
Listed on the STAR Market, Shanghai Stock Exchange (688032)

2022
- Microinverter with Sub-1G
- Rapid shutdown device
- 2nd gen residential storage system
- C&I storage system
- Utility storage system

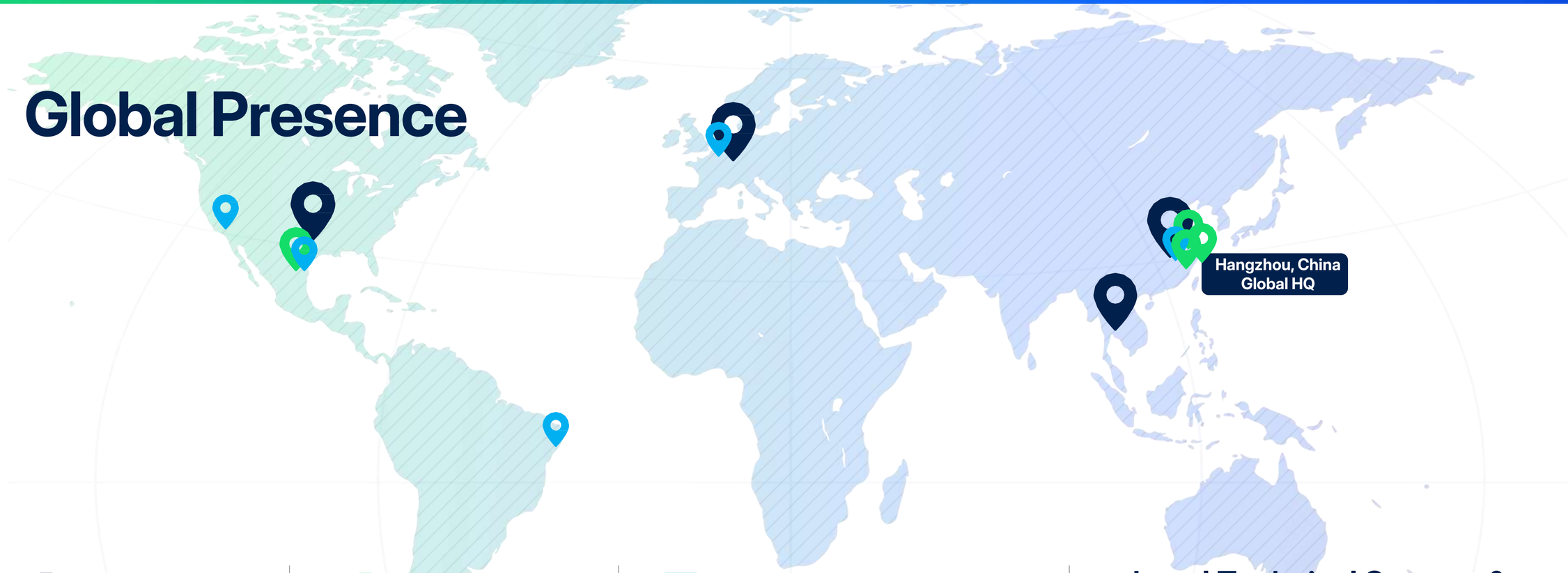
2023
- WiFi-integrated microinverter
- 4x1, 3p* microinverter
- PCS for C&I and utility

2024
- Started production in Mexico
- World's first 8x1 microinverter (5000W)
- World's first AC-coupled micro storage
- 350kW string inverter

*1p: single-phase *3p: three-phase

Evolution of Microinverter Technology Platform

Global Presence



4
Regional Business HQ

Hangzhou, China
Frankfurt, Germany
Dallas, USA
Bangkok, Thailand

4
Manufacturing Bases

Hangzhou, CN
·microinverter, micro storage, RSD
·residential PCS

Haining, CN
·C&I and utility PCS
·utility string inverter

Lishui, CN
BESS

Monterrey, Mexico
microinverter

5
Distribution Centers & Warehouses

Hangzhou, China
Eindhoven, Netherlands
Los Angeles, USA
Monterrey, Mexico
Maceió, Brazil

Local Technical Support & Service Teams

China
NA: USA
LATAM: Brazil, Columbia, Mexico
APAC: Australia, India, Malaysia, Thailand
EU: Belgium, Finland, France, Germany, Italy, Luxemburg, Netherlands, Portugal, Spain, UK

on the way (operate in 2025):

LATAM: Chile
APAC: Pakistan, Philippines, Vietnam
EMEA: Hungary, UAE, South Africa, Sweden

*Local technical support teams available in the above-mentioned countries.

R&D

The "*Regulation Mechanism and Topology Derivation Principle of High Step-Up Power Converters*" serves as our technology foundation, which earned Dr. Yang Bo, CEO and founder of Hoymiles, the prestigious Second Prize of the State Natural Science Award* in 2016.

*The State Natural Science Award is China's highest honor for scientific research, recognizing groundbreaking achievements in natural sciences with significant contributions to advancing knowledge and technology. This award is the first of its kind in the field of power electronics.

Our R&D labs received accreditations from world's leading testing institutions.

CSA Group | TÜV NORD | BUREAU VERITAS

13%
of revenue allocated to R&D investment

1/3
of the workforce for R&D team

Our microinverters deliver industry-leading energy conversion performance.

97.5%
Peak efficiency

97%
CEC efficiency

*Industry average: 96.5% peak efficiency, 96% CEC efficiency

Honors and Awards

Solar Inverter Contribution Enterprises
issued by TÜV Rheinland for market leadership

Solar Prosumer Award 2022-2024
issued by EUPD Research for being top PV brand in Germany

GlocalINTop50
issued by MIT Technology Review for achievement in technological innovation

Supply Chain

Annual manufacturing capacity

5M units
microinverter

10 GWh
energy storage

10 GW
utility inverter

Global average lead time

3 weeks
from manufacturing
with forecast

3 days
from local warehouses
local warehouses: CN, EU & USA

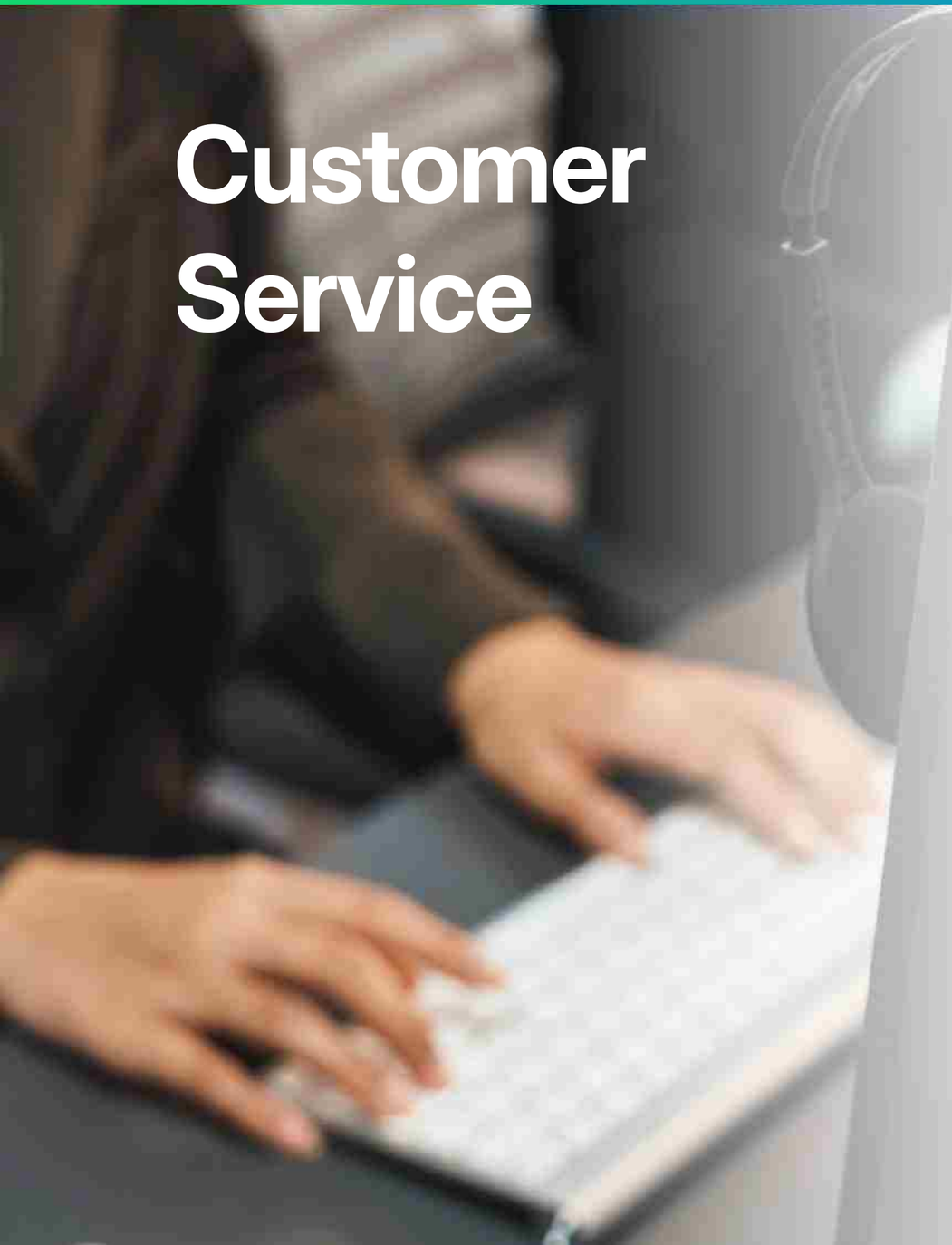
<180 dppm for microinverter

Comprehensive quality control

advanced tracking, strict testing, and third-party verifications.

Management systems

- ISO/IEC 27001 Information Security Management System
- ISO 9001:2015 Quality Management System
- ISO 14001:2015 Environmental Management System
- ISO 45001:2018 Occupational Health & Safety Management System
- GB/T 29490-2013 Intellectual Property Management Standards



Customer Service

96%+
Customer Satisfaction

48h Global
Problem Resolved

Customer-focused | Full-lifecycle | Professional & Efficient

- Technical Call-Center
- Field Service
- Repair Center
- CRM Warranty Management
- Project Management
- Training Academy

Professional service network delivering

- Factory-trained engineers providing consistent service quality worldwide
- Comprehensive technical support across all locations
- Safety-first approach with fully equipped service teams
- Always-available customer care wherever you are

Sustainability

Green Development

We support global carbon reduction initiatives and promote the energy transition goal. By integrating solar energy into agriculture, livestock, urban infrastructure and beyond, we deliver sustainable power for traditional industries. We also give back to society through active participation in green charitable causes.

Green Production

Our headquarters and factories are powered by green energy. By optimizing energy efficiency and reducing emissions, we create a low-carbon production system that balances environmental responsibility with business growth.

People First

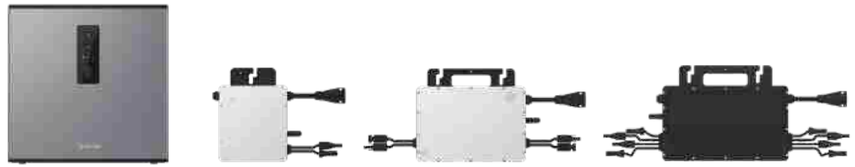
We provide comprehensive benefits, career growth opportunities, and a clear path for advancement, all within a healthy, safe, and inclusive work environment. We also prioritize the well-being of our employees and their families.

Data & Privacy

We prioritize data and privacy protection with a robust information security management system. Using access controls and encryption, our products are certified for cybersecurity, ensuring the safety of core data and user information.

Hoymiles Energy Solutions for All Scenarios in Solar & Storage

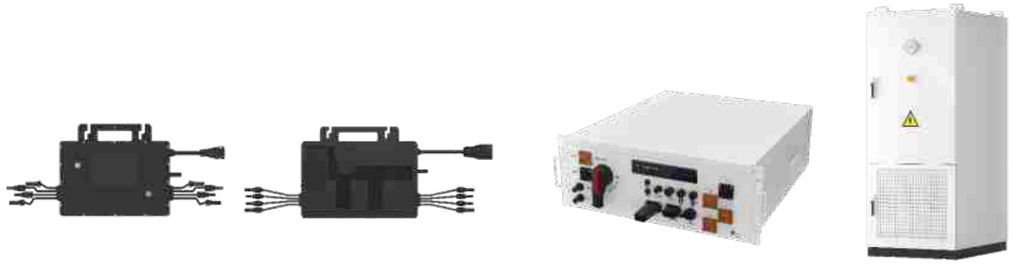
DIY



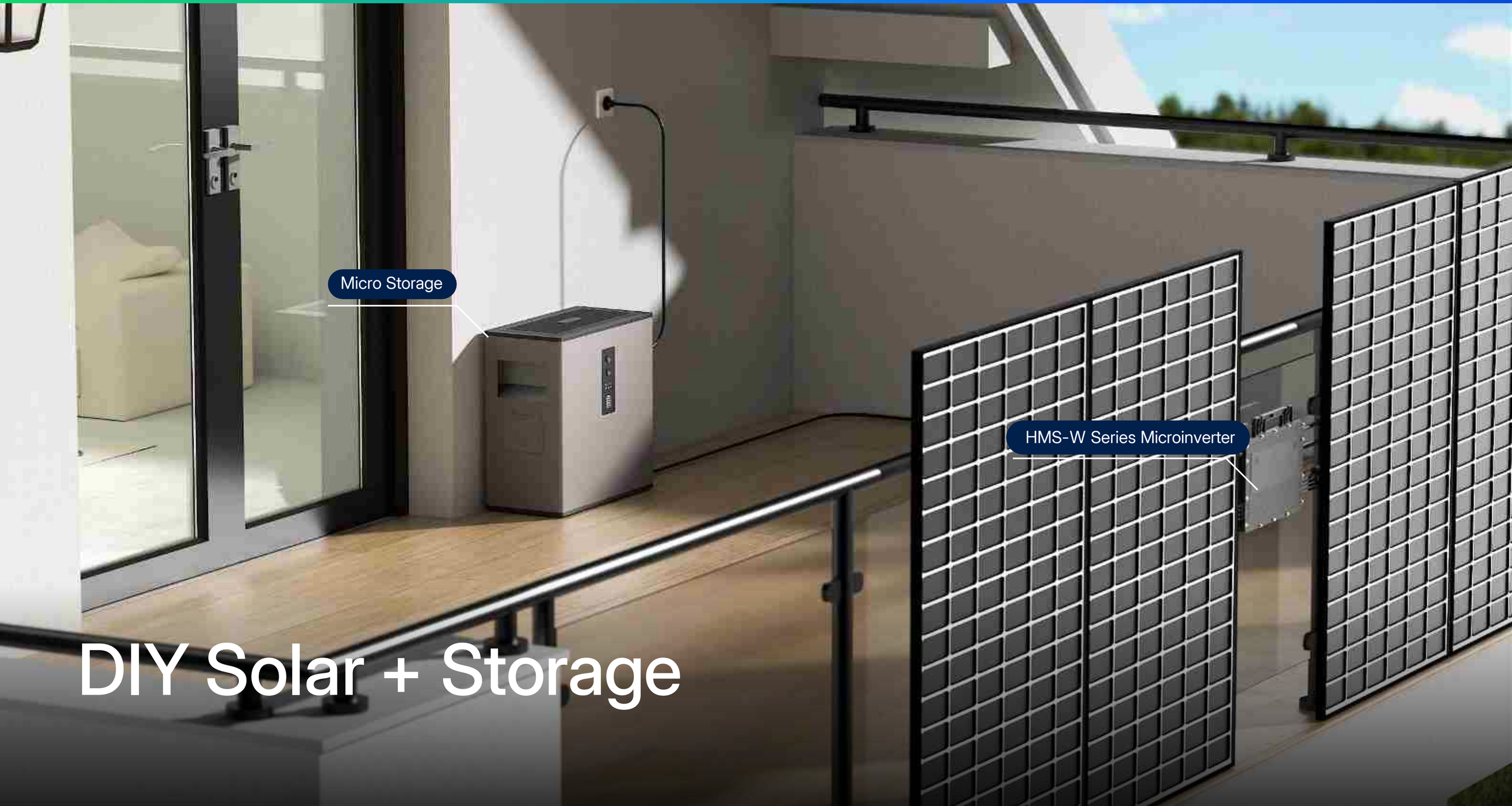
Residential

Residential

C&I



Utility



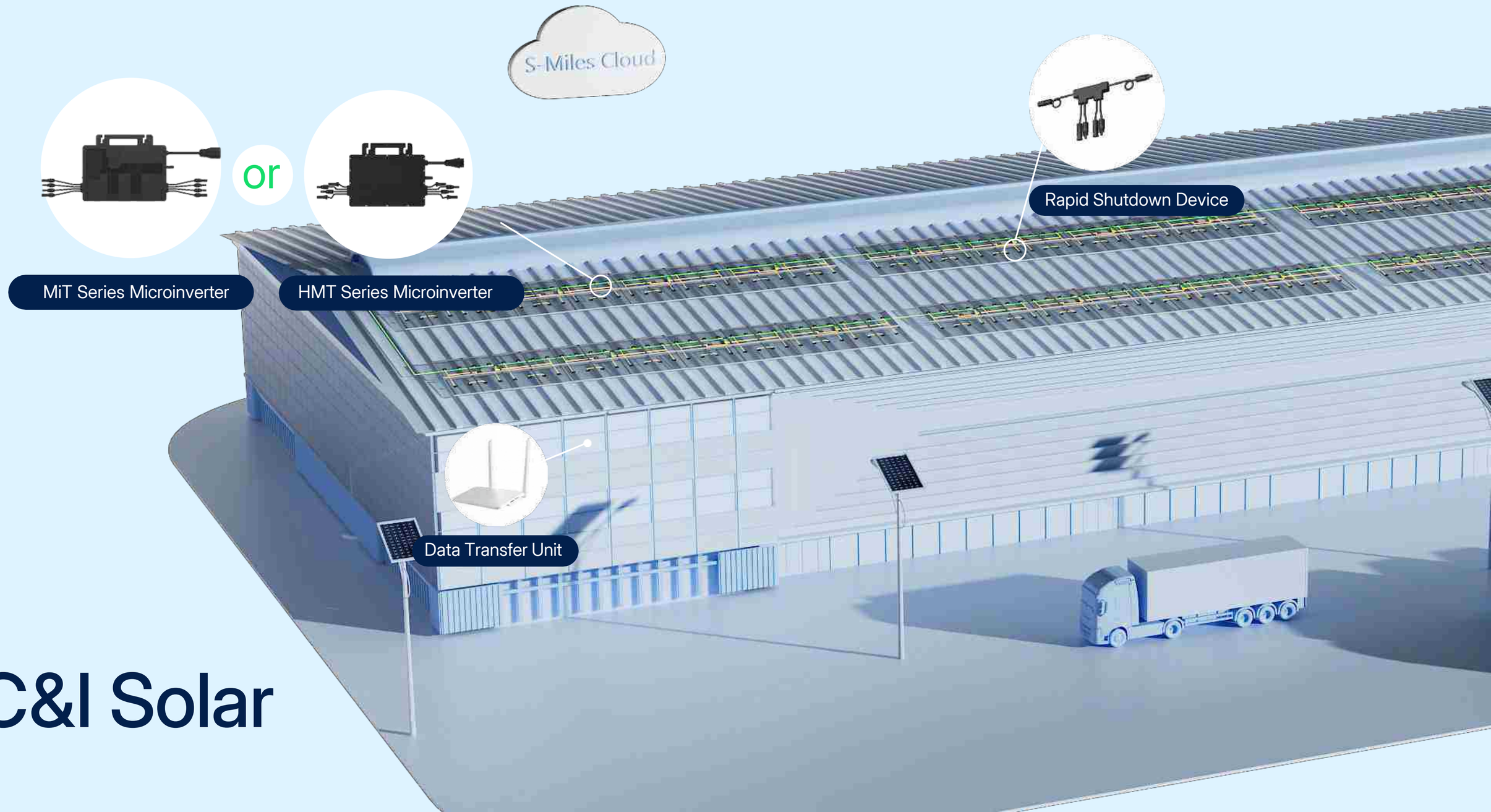
DIY Solar + Storage

Residential Solar + Storage

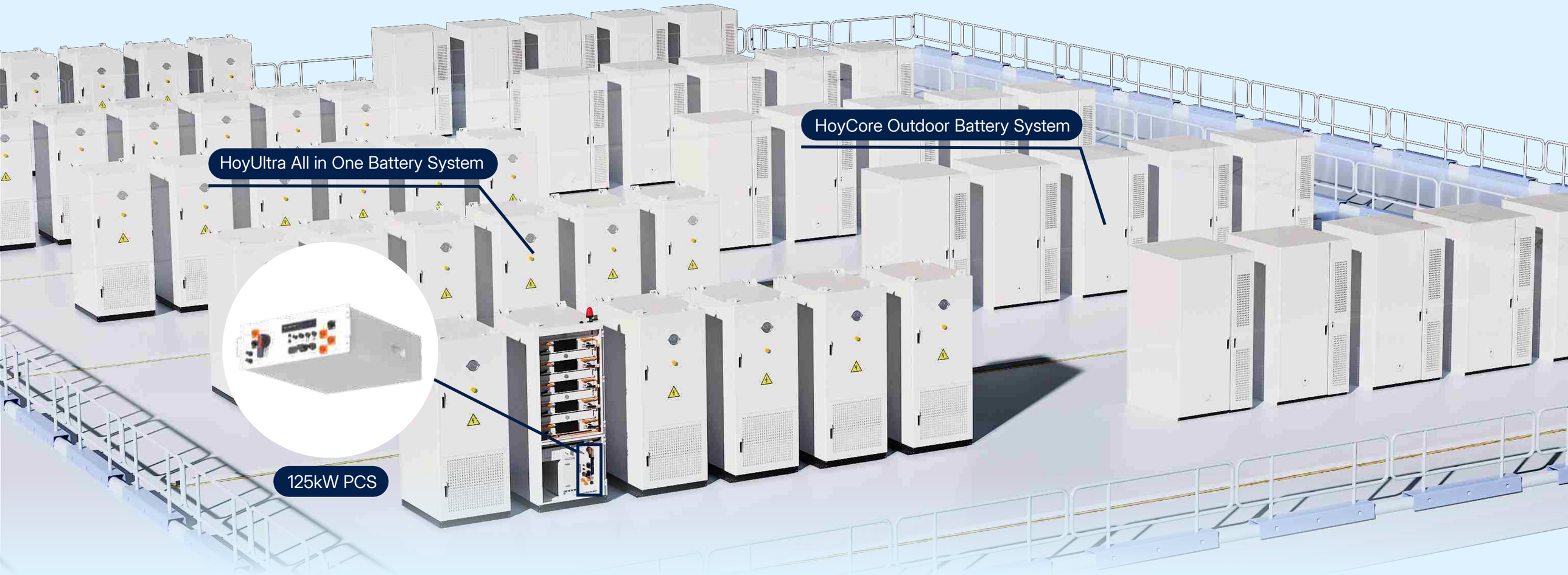
AC-Coupled

Residential Solar + Storage

Hybrid


S-Miles Cloud
or
MiT Series Microinverter
HMT Series Microinverter
Rapid Shutdown Device
Data Transfer Unit

C&I Solar


HoyUltra All in One Battery System
HoyCore Outdoor Battery System
125kW PCS

C&I Storage

Utility Solar

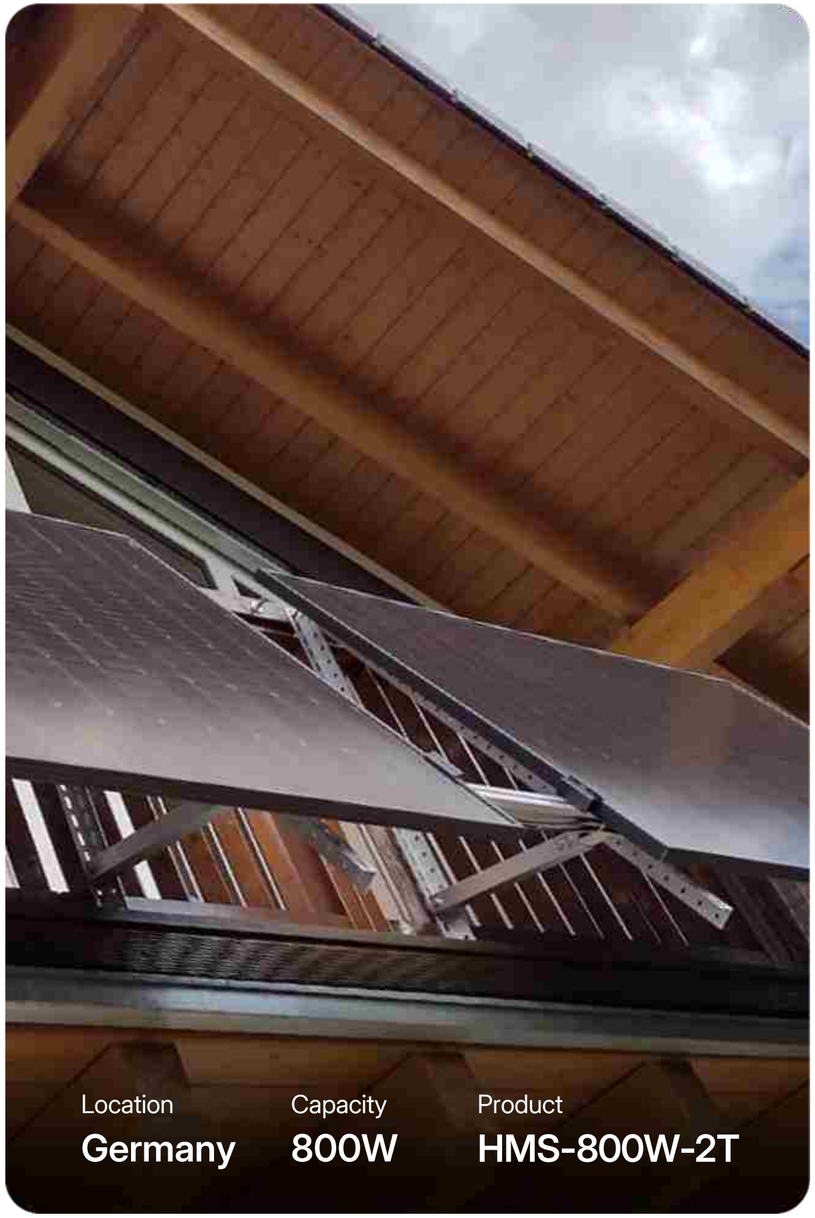
Utility Storage

DIY Cases

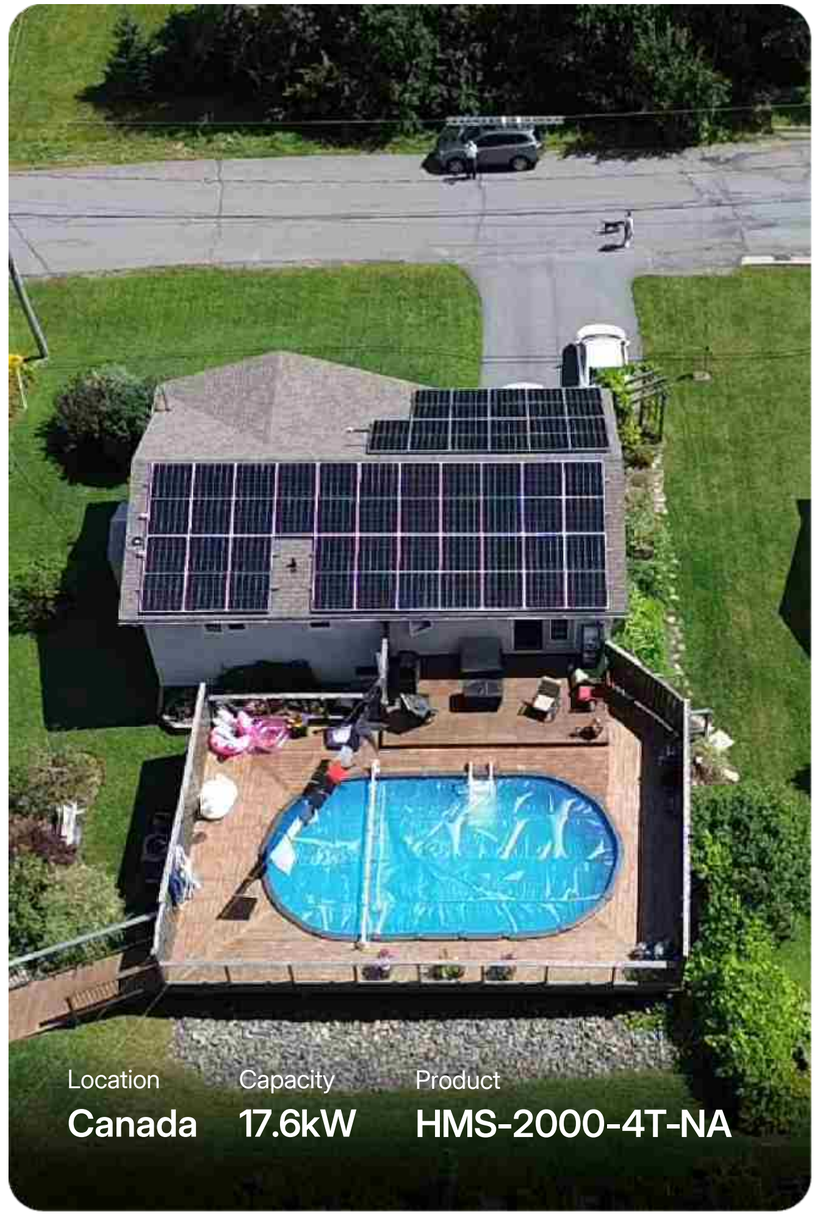
Location
Germany
Capacity
1.6kW
Product
HMS-800W-2T

Location
Germany
Capacity
2.24kWh
Product
MS-A2

Location
Germany
Capacity
2.24kWh
Product
MS-A2


Location
Germany
Capacity
800W
Product
HMS-800W-2T

Residential Cases



C&I Cases

Location
Thailand
Capacity
80.76kW
Product
HMS-2000-4T

Location
Brazil
Capacity
52kW
Product
HMT-2000-4T

Location
Thailand
Capacity
670kW
Product
HMT-2000-4T

Location
China
Capacity
2.8MW
Product
HMS-2000-4T

C&I Cases

Location
Philippines
Capacity
5MW
Product
HRSD-2C

Location
China
Capacity
1MW
2MWh
Product
HoyCore

Location
Germany
Capacity
100kW
215kWh
Product
HoyUltra

Location
Mexico
Capacity
1MW
1.376MWh
Product
HoyCore

Utility Cases

hoymiles

hoymiles.com