

Deye Overview



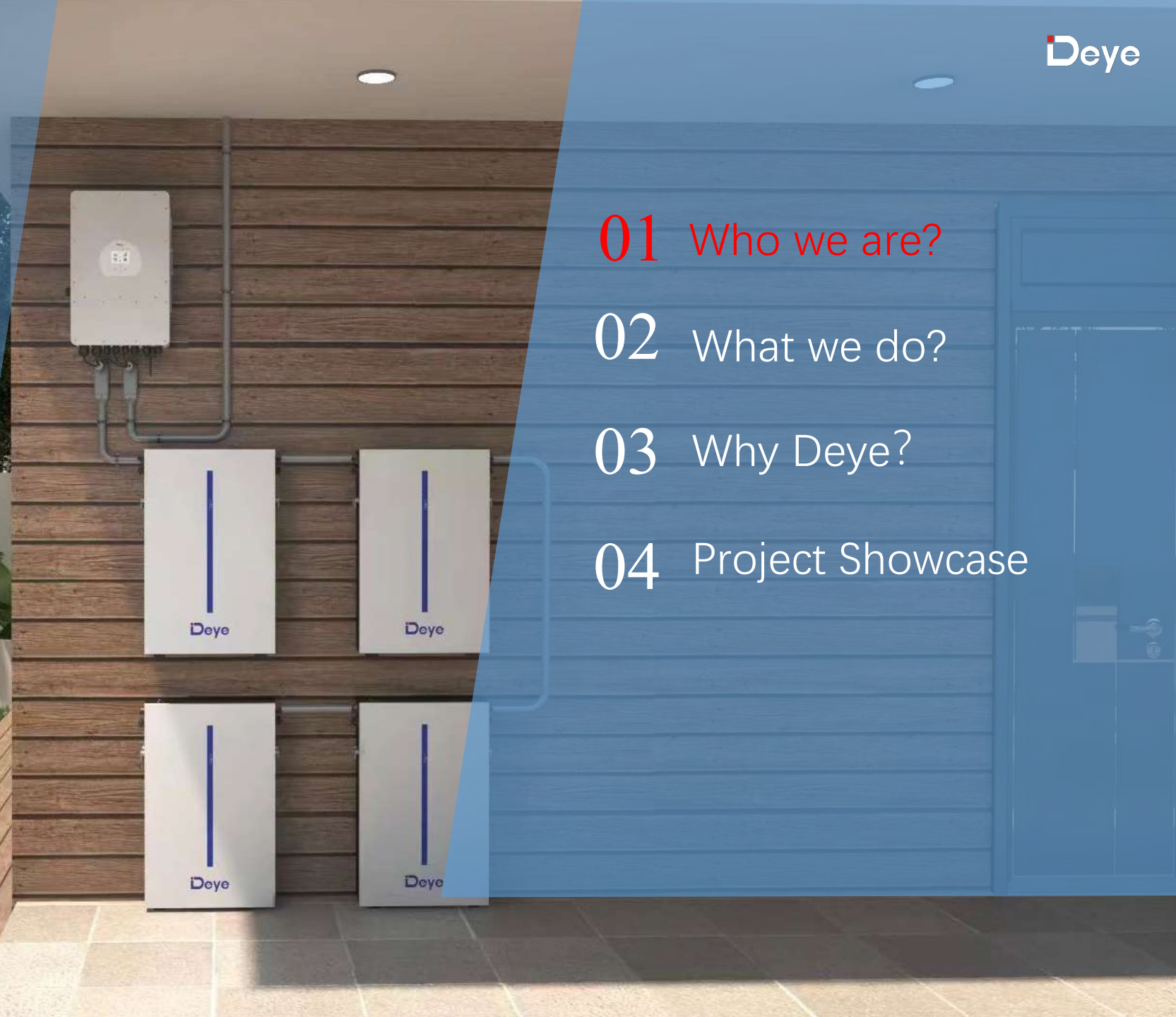
Industrial-Leading Solar Residential and C&I Energy Storage Solution Expert

2025



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- 01 Who we are?
- 02 What we do?
- 03 Why Deye?
- 04 Project Showcase



About Deye

Leading provider of Inverter and energy storage system solutions

4 Core Industrial Chains

- | The solar & hybrid inverter.
- | The lithium battery energy storage system.
- | The heat exchanger series.
- | The environmental electrical appliance series.

2000

Founded in 2000, starting with home appliance heat exchangers.

2017

Entered the photovoltaic (PV) inverter industry, marking a strategic transition.

2023

Inverter business became the core revenue driver, contributing over **66%** of total revenue.

2024

Achieved a leading position in global inverter and energy storage shipments.

Invested \$150 million to build a factory in Malaysia, strengthening its supply chain for Southeast Asia and beyond.

**From Traditional Manufacturing to
New Energy Leader**



Deye Inverter

Reliable PV & Storage Inverter Solutions

Deye ESS

Safe Multi-Scenario Energy Solutions

600,000 m²

Total Area

7,000+

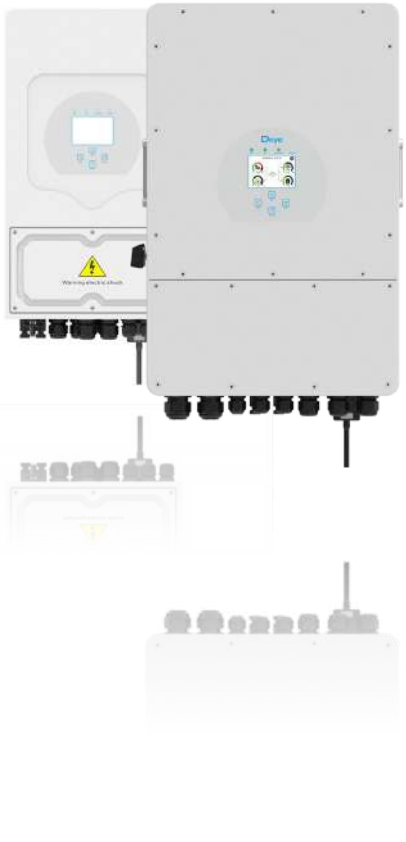
Employees

2021

A-Share Listed

Technological Expertise: Holds **322** patents, operates automated production lines, and has established a third-generation semiconductor laboratory.

Company Profile: Milestone



- **NO.1** Residential Hybrid inverter supplier in China-- total shipment over **300,000** pcs

- **No.1** hybrid inverter supplier in USA

- **No.1** hybrid inverter brand in South Africa market, MS>30%;

2017

- Entered energy storage industry.

2019

- **Split phase hybrid** inverter was released for USA market

2020

- **No.2 PV inverter** brand in brazil (168MW)

- **No.1** yearly hybrid inverter shipment over **70,000** pcs

2021

- Deye listed in Shanghai exchange stock, stock code **605117**.

2022

- **NO.1** Hybrid inverter supplier
Total shipment over **600,000** pcs hybrid inverters and **3GWh** batteries

2024



Outstanding Performance

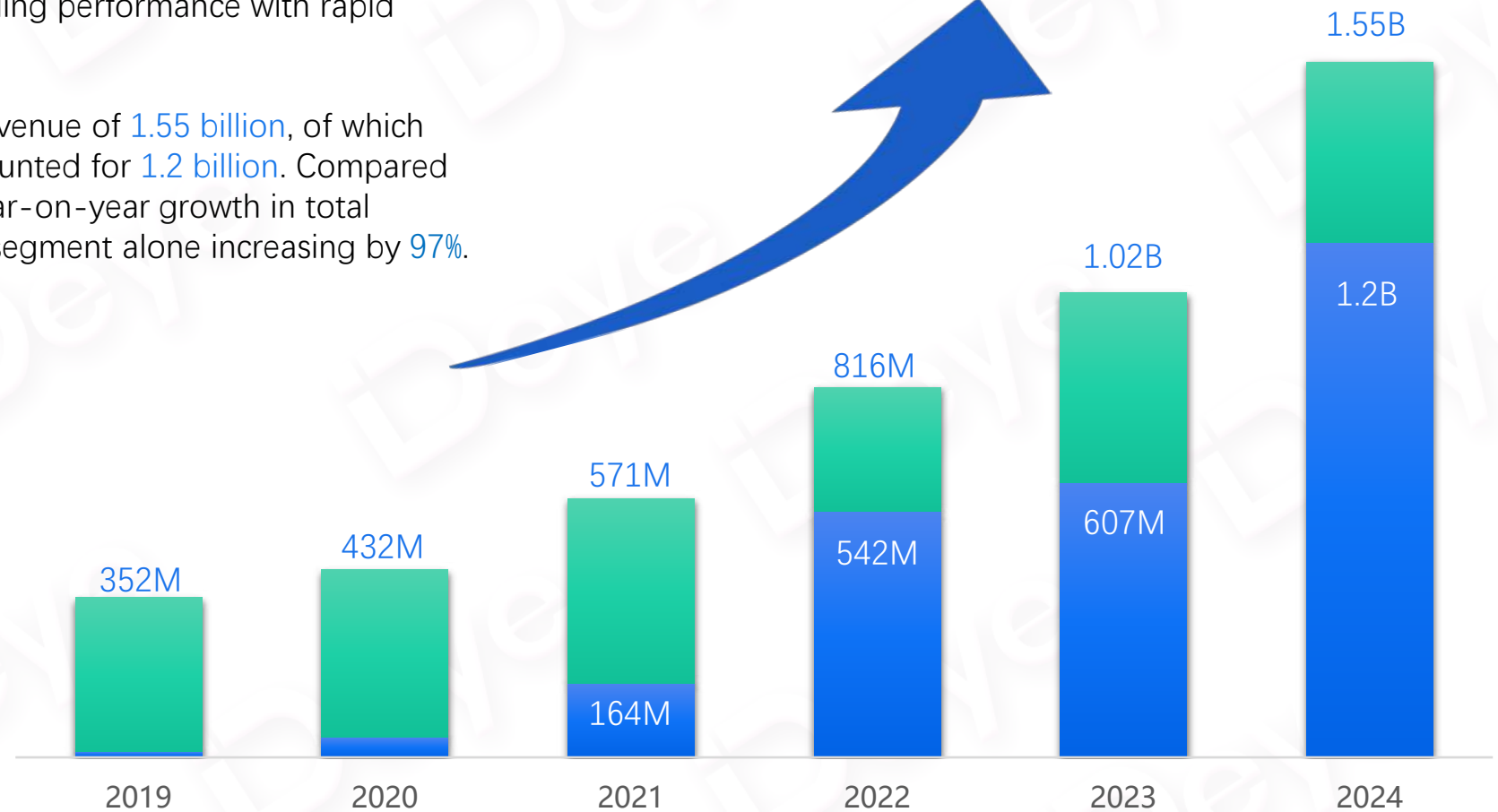
With continuous efforts and market expansion over the years, Deye Group has achieved outstanding performance with rapid revenue growth.

In 2024, Deye Group achieved a revenue of **1.55 billion**, of which the **inverter&battery** business accounted for **1.2 billion**. Compared to 2023, this represents a **49.8%** year-on-year growth in total business, with the energy storage segment alone increasing by **97%**.

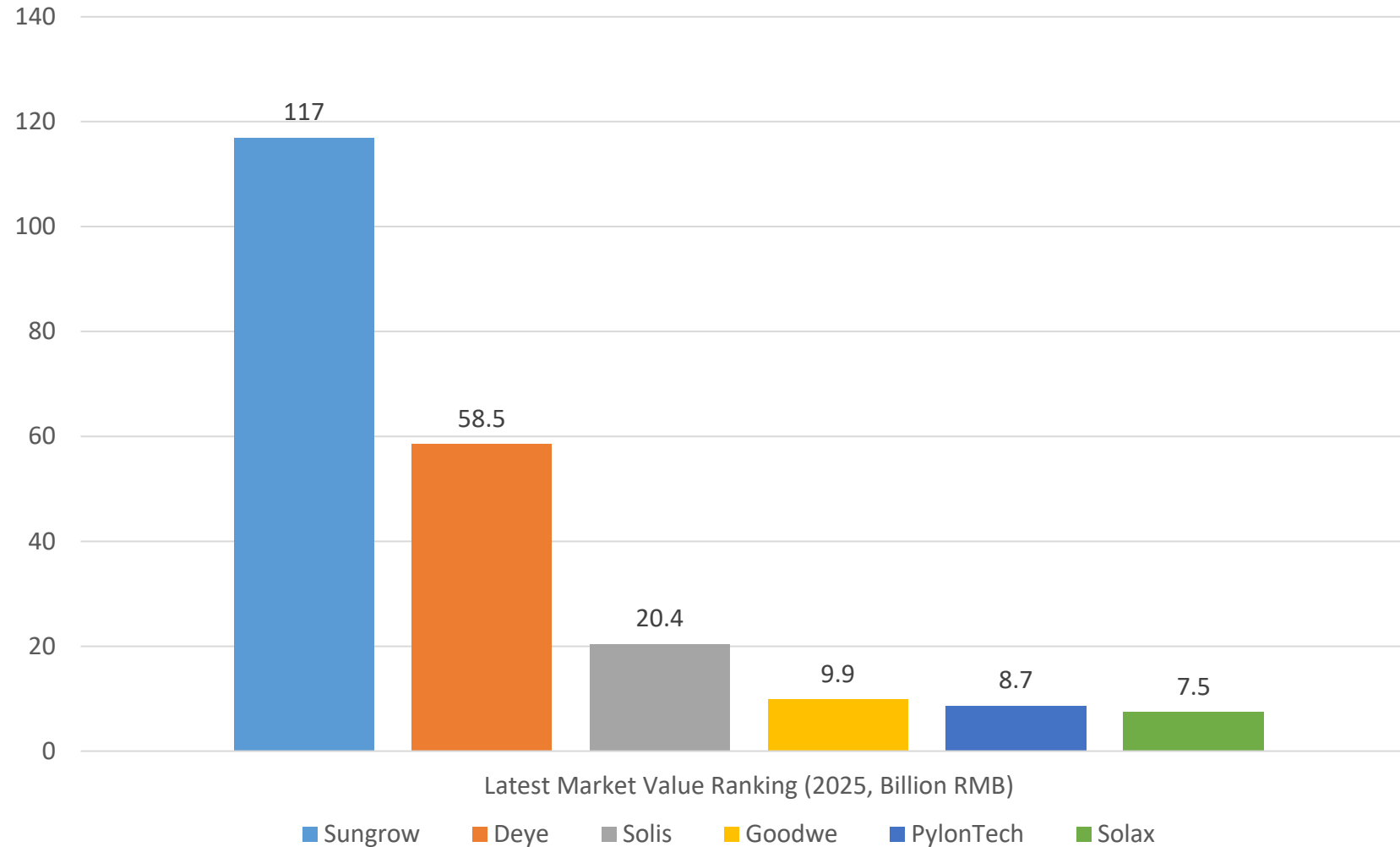
Revenue of Deye Group

■ Inverter & Battery ■ Other

The currency base unit is USD
1 USD = 7.2 CNY

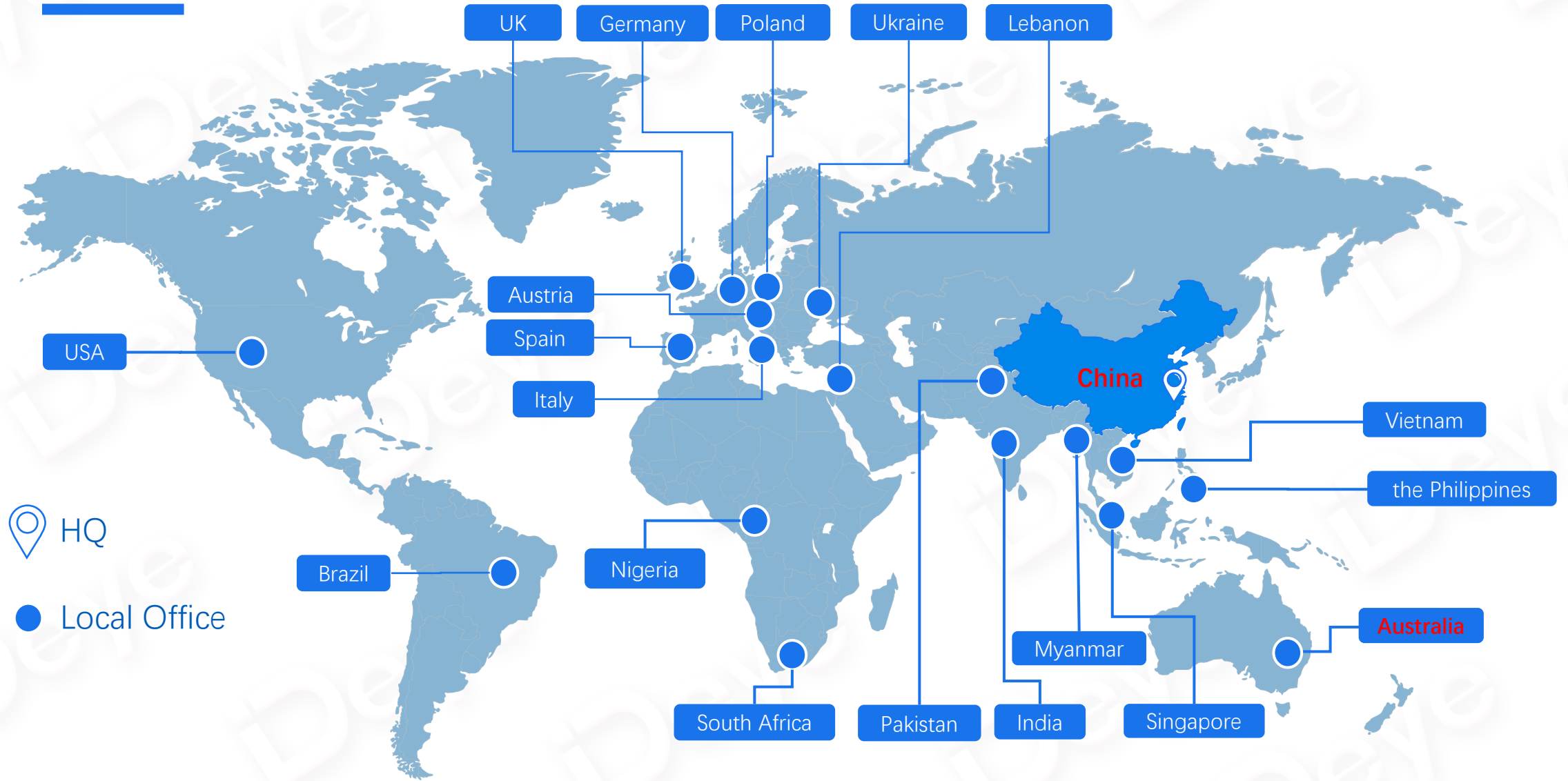


Market Value Ranking



Among all publicly listed Chinese inverter and energy storage companies, Deye ranks **No.2** in both sales revenue and market value, trailing only **Sungrow**. Globally, it has established itself as one of the industry's leading companies.

Global layout



International Team



Australia Team



The graphic features a light blue background with a map of Australia in the center. The word 'Australia' is written in large, semi-transparent letters across the map. In the top right corner, the 'Deye' logo is displayed in blue. On the left side, the text 'Meet Our Team' is written in a large, bold, blue font. Below this text, a horizontal line separates it from the team members. The team members are arranged in two rows. The top row includes George Liu, Phillip Liu, and Nancy Sun. The bottom row includes Abeer Ahmed, Josh Song, and Steven Si. Each member's name and title are listed below their circular portrait. Three location pins are placed on the map: Perth on the west coast, Brisbane on the east coast, and Sydney on the southeast coast. The bottom of the graphic shows a stylized city skyline and a body of water with several sailboats.

Meet Our Team

Deye

George Liu
Country Manager

Phillip Liu
Technical Support

Nancy Sun
Sales Assistant

Abeer Ahmed
Technical Support

Josh Song
Associate Technical Support Supervisor

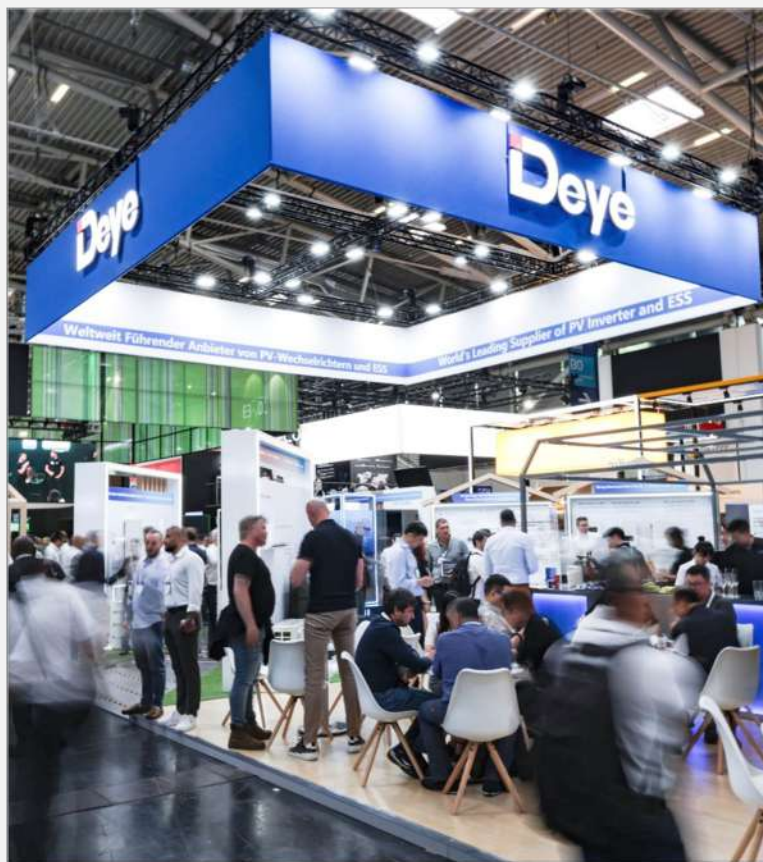
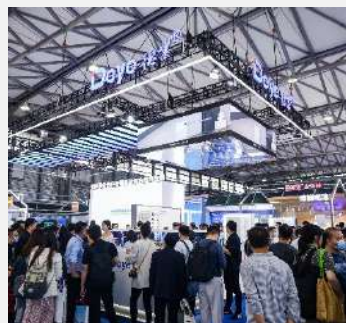
Steven Si
Technical Support

Perth

Brisbane

Sydney

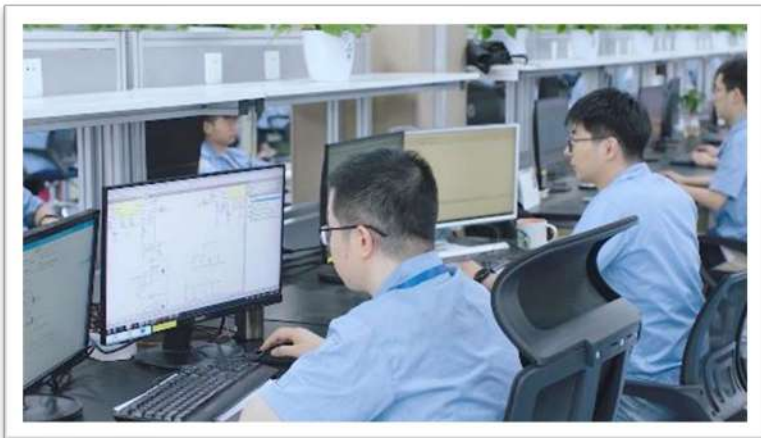
Global Exhibitions



Participating in nearly **30** trade shows annually,
covering over **20** countries across **5** continents



Product is King, Technology Leads



Elite Talent Team



Advanced Inverter R&D Testing Platform



Performance Testing Platform



Functional R&D Laboratory



Reliability Laboratory



Microwave Anechoic Chamber

Own Factory, Lean Production



Electronic Workshop



Ultra-high Speed SMT Mounting



Lead-free Hot Air Reflow Soldering



Automatic Optical Inspection



Automatic Spot Welding Equipment



Three-proof Paint Spraying Workshop

Own Factory, Lean Production



Assembly Workshop



Assembly Line



Automated Guided Vehicle



ATE Workshop



Automatic Test Equipment



Packaging and Warehousing

Deye Factory

Deye is expanding with the development of its Zero-carbon career



HQ - BeiLun - Inverter Factory



CiXi - Battery Factory



Shanghai HQ - R&D & Reception Centre



Beilun 246 Smart Factory



HaiYan Factory - Completion in 2025



Haining Factory - Completion in 2026



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01 Who we are?

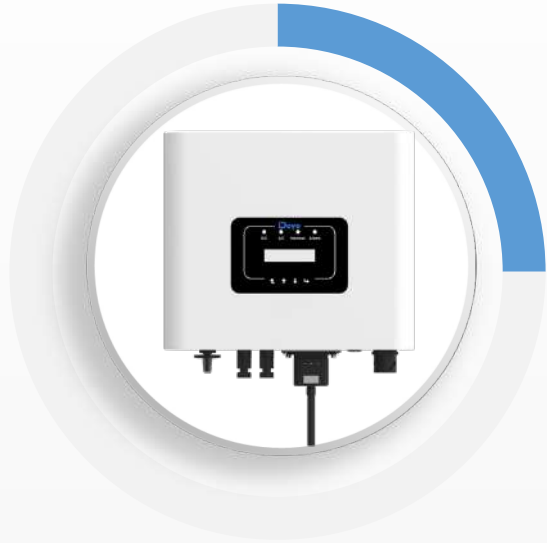
02 What we do?

03 Why Deye?

04 Project Showcase

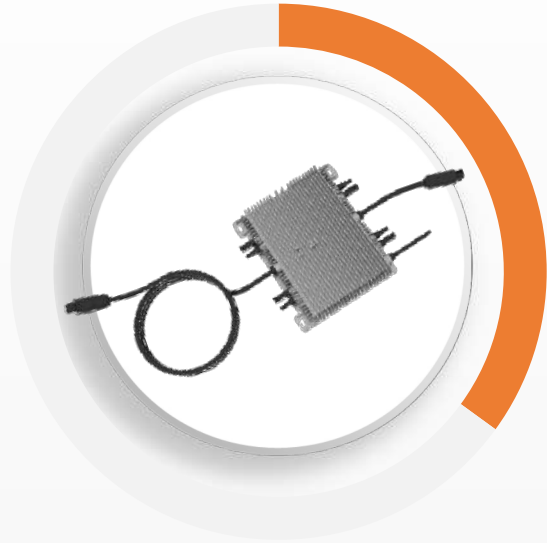


Solution/Core Product



String
Inverter

1-136kW



Micro
Inverter

300-2000W



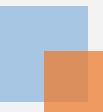
Hybrid
Inverter

3-80kW

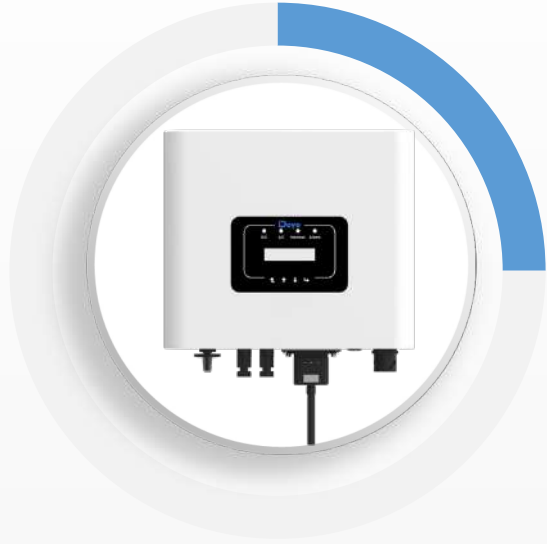


LiFePO4
Battery

Residential / C&I

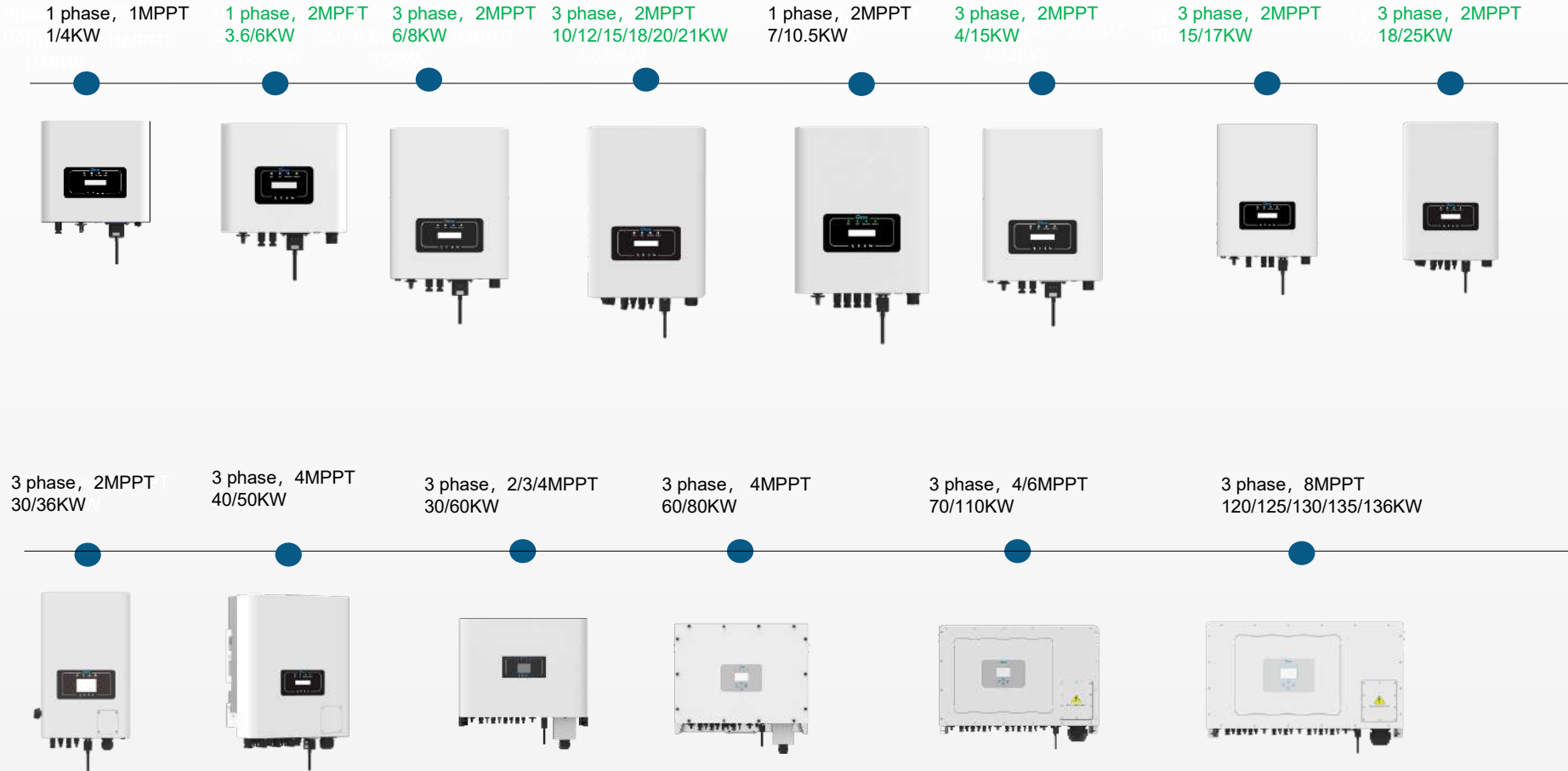


Grid-tie Inverter Product Line/Core Product

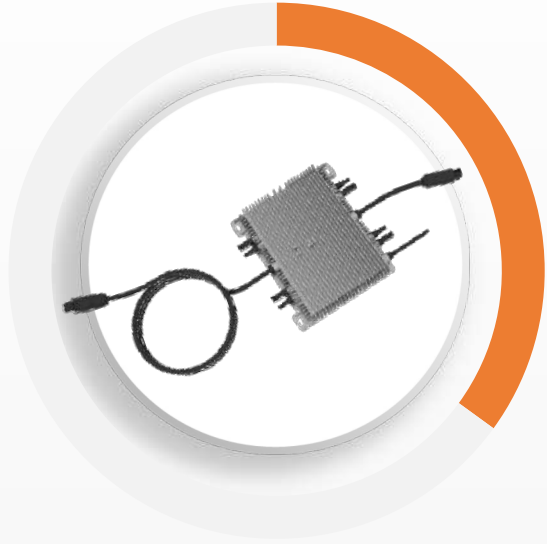


Grid-tie
Inverter

1-136kW



Micro Inverter Product Line/Core Product



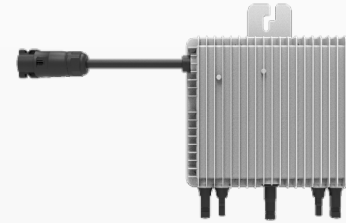
Micro Inverter

300-2000W

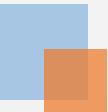
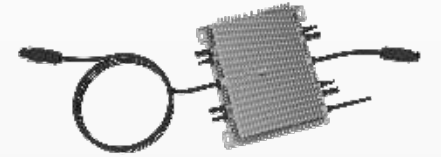
1 phase, 1MPPT
300/500W



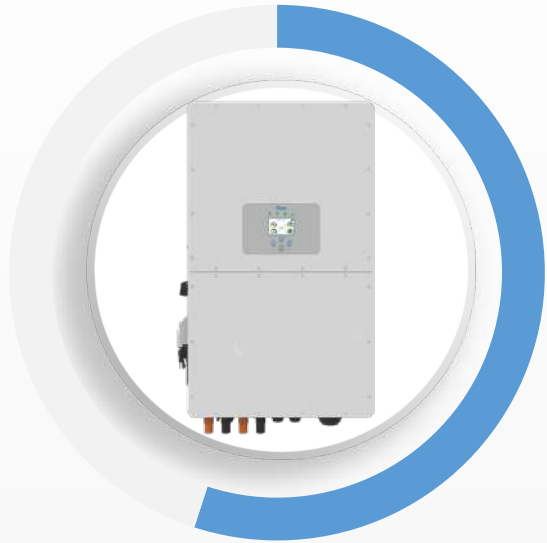
1 phase, 2MPPT
600/1000W



1 phase, 4MPPT
1300/2000W



Hybrid Inverter Product Line/Core Product



Hybrid
Inverter

3-80kW

LV,1Phase



1 phase , 2 MPPT
SUN 3/6K-SG04



1 phase, 2MPPT
SUN 8K-SG05



1 Phase, 3 MPPT
SUN 10/12K-SG02



1 Phase, 3 MPPT
SUN 16K-SG01

LV,3Phase



3 Phase, 2 MPPT
SUN 5/12K-SG04

(New product)



3 Phase, 2 MPPT
SUN 14/16/18/20K-SG05

HV,3phase

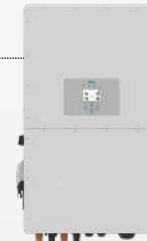


3 Phase, 2 MPPT
SUN 5/20K-SG01HP3



3 Phase, 4 MPPT
SUN 29.9/50K-SG01

(New product)



3 Phase, 4 MPPT
SUN 60/75/80K-SG01



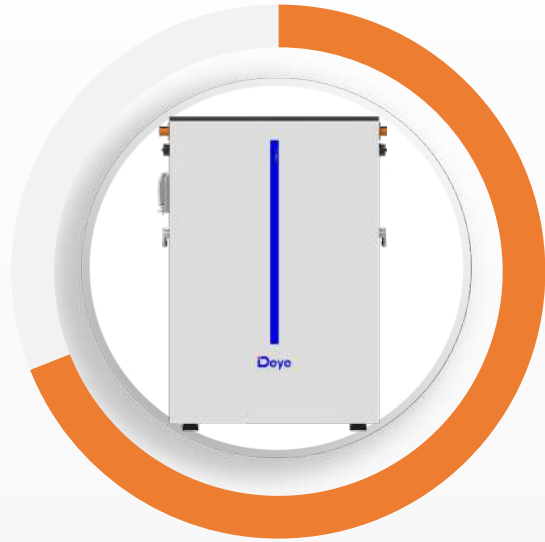


Deye



Deye Battery Portfolio

Solution/Core Product



LiFePO4 Battery

Residential

Spring LV series

RW-M6.1

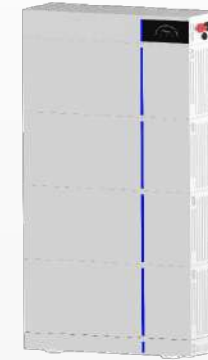


Wall-mounted type, 48V

RW-F10.2



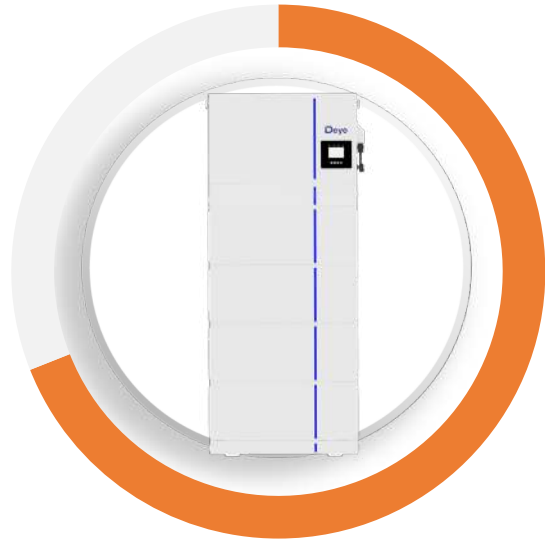
AI-W5.1-B



Stackable type, 48V



Solution/New Product (2024)

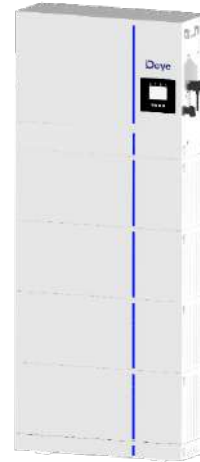


LiFePO4 Battery

Residential

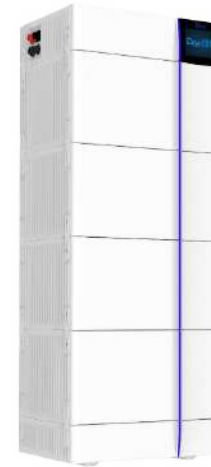
All-in-one series

AI-W5.1-ESS



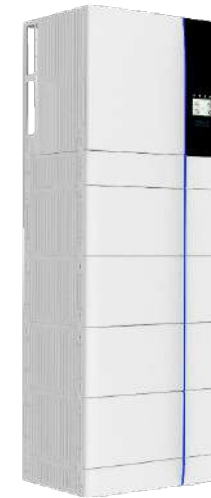
LV Floor-Mounted Hybrid ESS

GB-L



HV Floor-Mounted

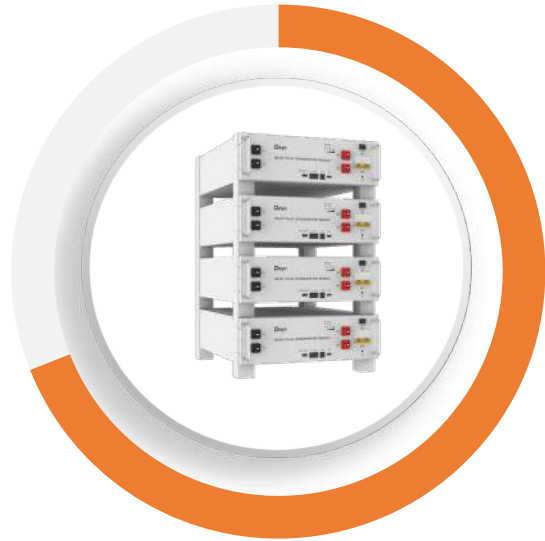
GB-SL



HV Floor-Mounted Hybrid ESS



Solution/Core Product

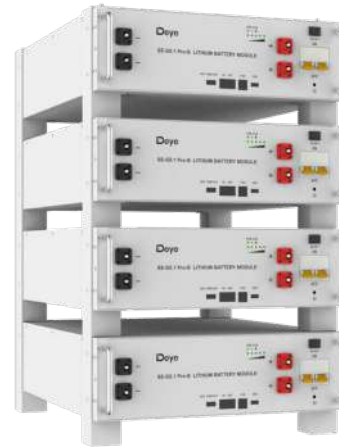


LiFePO4 Battery

Off-Grid

Spring LV series

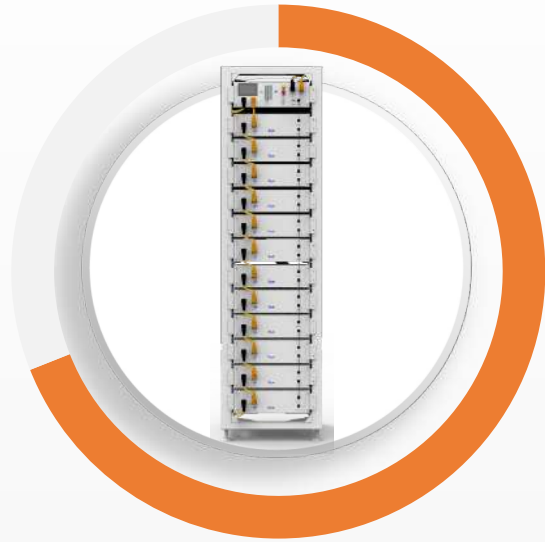
SE-G5.1 Pro-B



Rackable, 48V



Solution/Core Product C&I

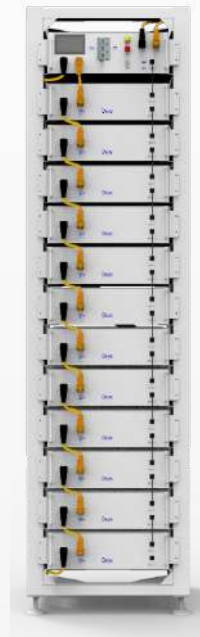


LiFePO4 Battery

C&I

HV series

BOS-G

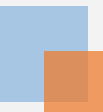


Rackable HV

GE-F60 (60kWh)



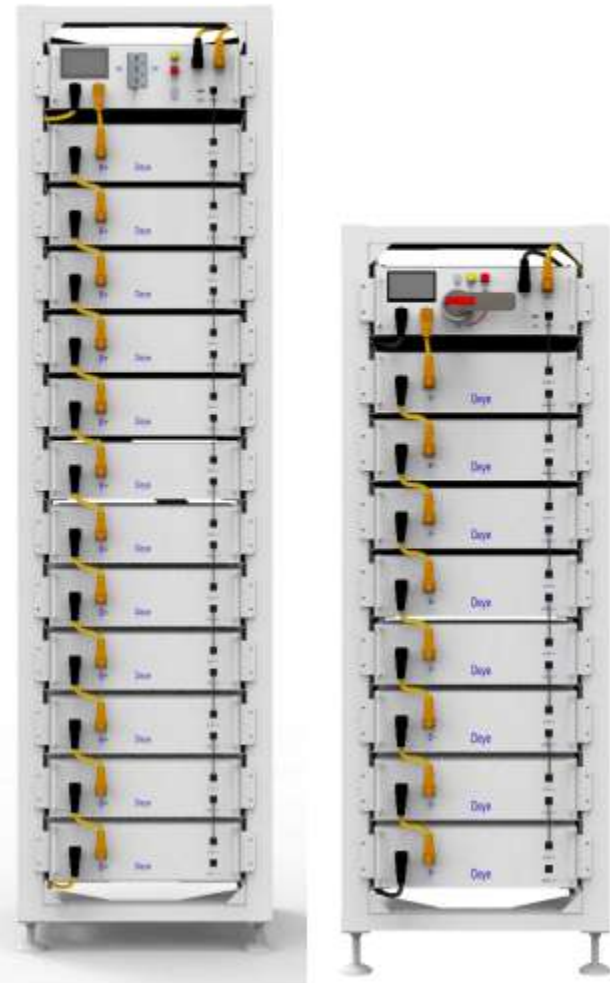
Cabinet HV



Product Introduction

HV Floor-Mounted & Rack-Mounted

BOS-G



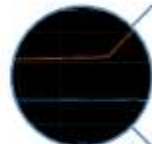
Features & Advantages



Safer, Prismatic Lithium Iron Phosphate (LFP) Battery



Standard US & EU Cluster, 3~12 module in series.



Support **high discharge power**, natural cooling



Reliable, **Intelligent BMS**, providing complete protection



Auto networking, **Support USB upgrade**, wifi upgrade(optional)



Use environmental protection materials, the whole module **non-toxic, pollution-free**

Standard 19" inch 3U

Model (Module)	BOS-GM5.1
HV BOX CHARACTERISTICS	
Voltage / Current	120~750V / 100A
NOMINAL CHARACTERISTICS	
Battery Nominal Voltage	51.2V
Battery Nominal Capacity	100 Ah
Battery Nominal Energy	5.12 kWh
Battery Weight (N.W.)	44kg
Battery Size(W*D*H)	440*570*133 mm
Enclosure protection	IP20
ELECTRICAL CHARACTERISTICS	
Voltage Window	43.2~57.6 V
Max. Continuous Discharge Current	100 A
Peak Discharge Current (25°C)	125 A 2mins
Max. Continuous Charge Current	100 A
Cycle Life(25°C,0.5C/0.5C,70%EOL)	≥6000
OPERATION ENVIRONMENT	
Charge Temperature	0~55 °C(Optional heating)
Discharge Temperature	-20~55 °C
Storage Temperature	-20~35 °C
CERTIFICATION	
UN38.3, IEC62619, CE, FCC, UL1973, UL9540A, CEC	

Product Introduction

High Voltage

All-In-One Hybrid ESS

GE-F60 (50kW/60kWh)



Sample delivery time: July 2023
Mass production time: August 2023

Features & Advantages

◆ Intelligent temperature control

The system meets **1C high rate** operation, **Built-in air conditioner**, the maximum temperature of the battery is less than 40°C

◆ Reliable

Active Balance Intelligent BMS, providing complete protection, can effectively extend cycle life of battery packs

◆ Flexible

Single Inverter support 1~6 cabinet DC parallel capacity expansion, Max. 50kW/360kWh.

Support 1~6 cabinet AC parallel capacity expansion, Max. 300KW/360KWh

◆ Safer

Prismatic Lithium Iron Phosphate (LFP) Battery, **Built-in aerosol fire extinguishing.**

IP55, Unique modular design

Model (Module)	GE-F60
NOMINAL CHARACTERISTICS	
Hybrid inverter	50kW
AC Output Frequency and Voltage	50/60Hz,3L/N/PE 220/380, 230/400Vac
Nominal Voltage	614.4V
Nominal Capacity	100 Ah
Nominal Energy	61.4 kWh
Weight (N.W.)	880kg
Size(W*D*H)	1200*750*2160 mm
Enclosure protection	IP55
ELECTRICAL CHARACTERISTICS	
Voltage Window	480 V~691.2 V
Max. Continuous Discharge Current	100 A
Peak Discharge Current (25°C)	125A 2mins
Max. Continuous Charge Current	100 A
System Efficiency (25°C,0.5C)	91%
Cycle Life(25°C,0.5C/0.5C,70%EOL)	≥6000
OPERATION ENVIRONMENT	
Charge Temperature	-20~55 °C
Discharge Temperature	-20~55 °C
Storage Temperature	-20~35 °C
CERTIFICATION	
UN38.3, IEC62619, CE, CEI 0-21, VDE-AR-N 4105, IEC 62109, CEC	

Product Introduction

Product expansion

System Expansion
MAX: 50kW/360kWh



System Expansion
MAX: 500kW/600kWh



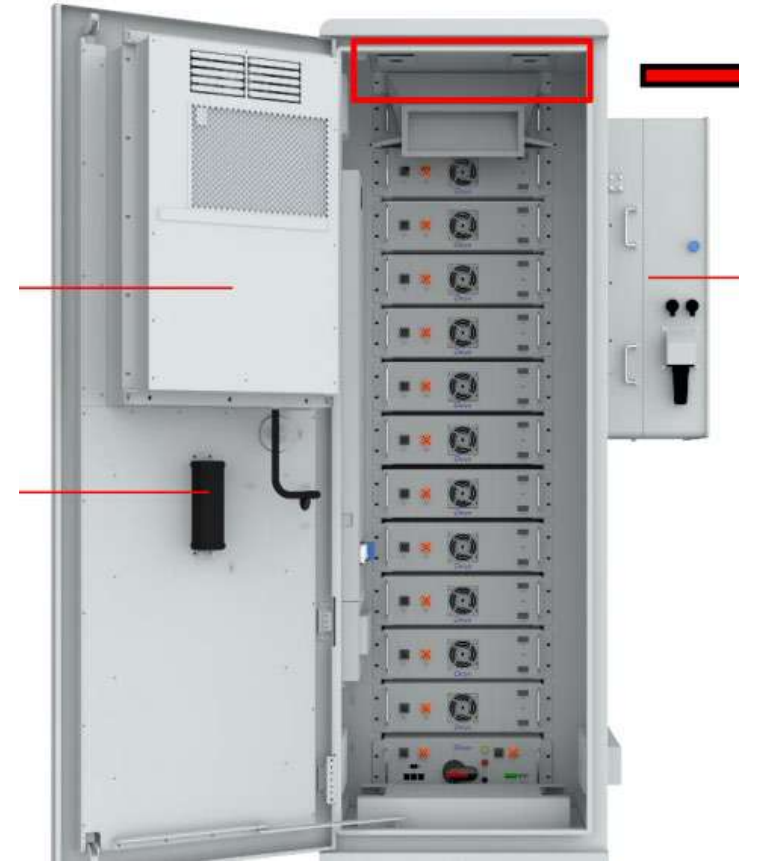
The AC side of the inverter can be parallel with ten machines

1

n

9

10



GE-F120

120kWh



GE-F120-2H6
UN38.3 / IEC 62619
IEC 61000

[VIEW MORE](#)

Deye

GE-F60 (AU) | GE-F120-2/3/4H6

- Up to 10 units AC parallel connection
- Off-grid battery expansion to 3600kWh
- Integrated EMS, hybrid inverter & BMS

MS-G215 100kW/215kWh

New
Product
C&I



PCS\BMS\EMS ALL-IN-ONE modular design



New Product: 100kW-2MW ESS

The entire system features a truly modular design, eliminating all unnecessary equipment. This not only makes transportation and assembly more convenient but also achieves a cost reduction of over 30%.

Additionally, it offers AC or DC EV charging solutions to meet the design requirements of various application scenarios.



New Products for C&I Energy Storage

100kW - 2MW Energy Storage Solutions



Deye Cloud

Deye Copilot

Historical income
\$450.00

Total Income
\$245.00



Cloud Management: Online Operation and Maintenance

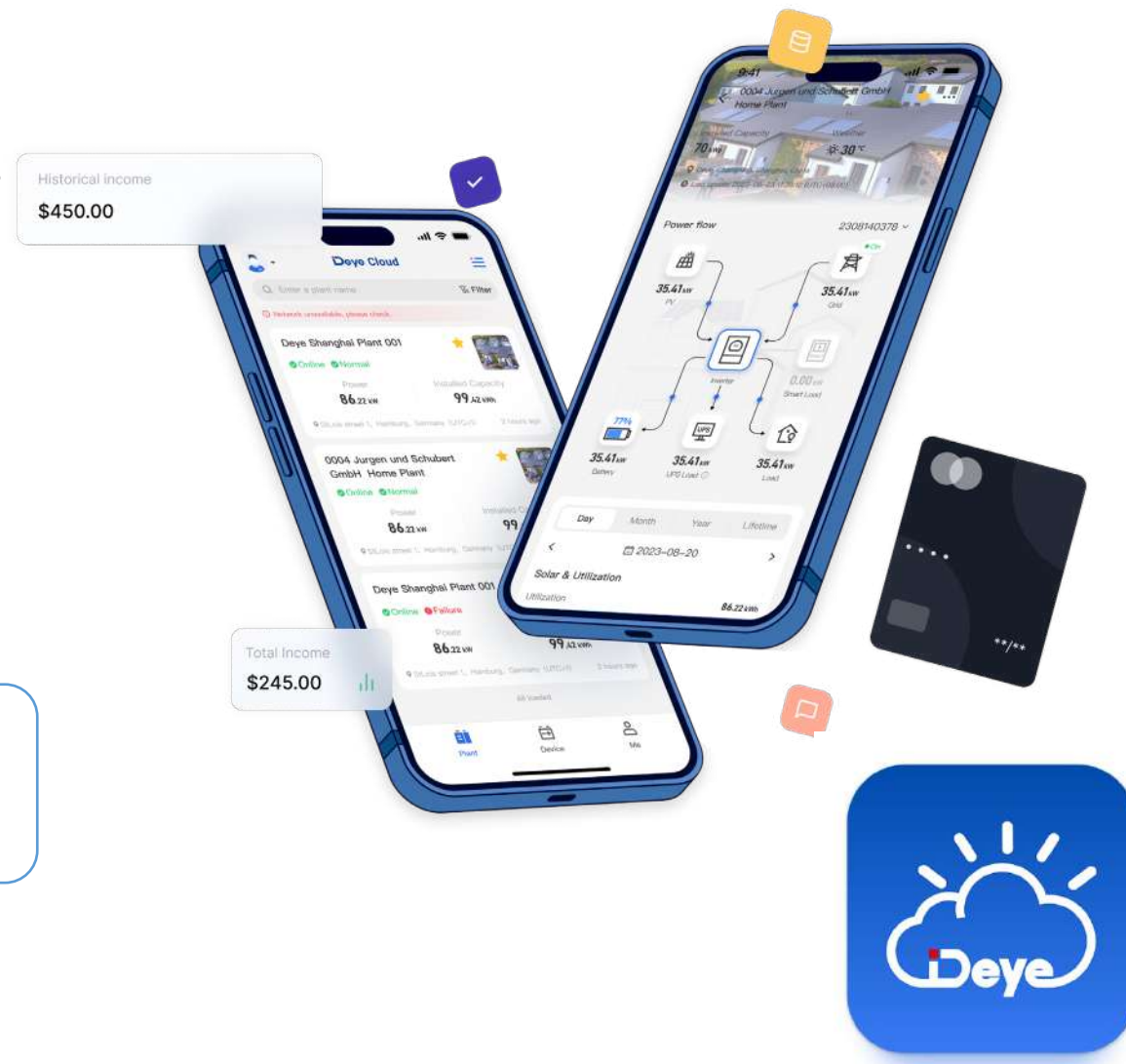
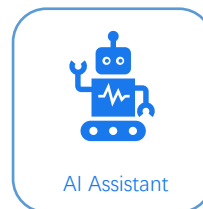
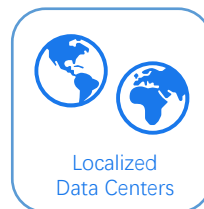
Deye Cloud is an advanced platform specifically designed for Deye Inverter and ESS, providing users with an outstanding online experience.

Through Deye Cloud, users can easily connect their photovoltaic or energy storage systems to the internet, supporting real-time monitoring of electricity usage and load conditions, cloud-based parameter adjustment, and online firmware updates.

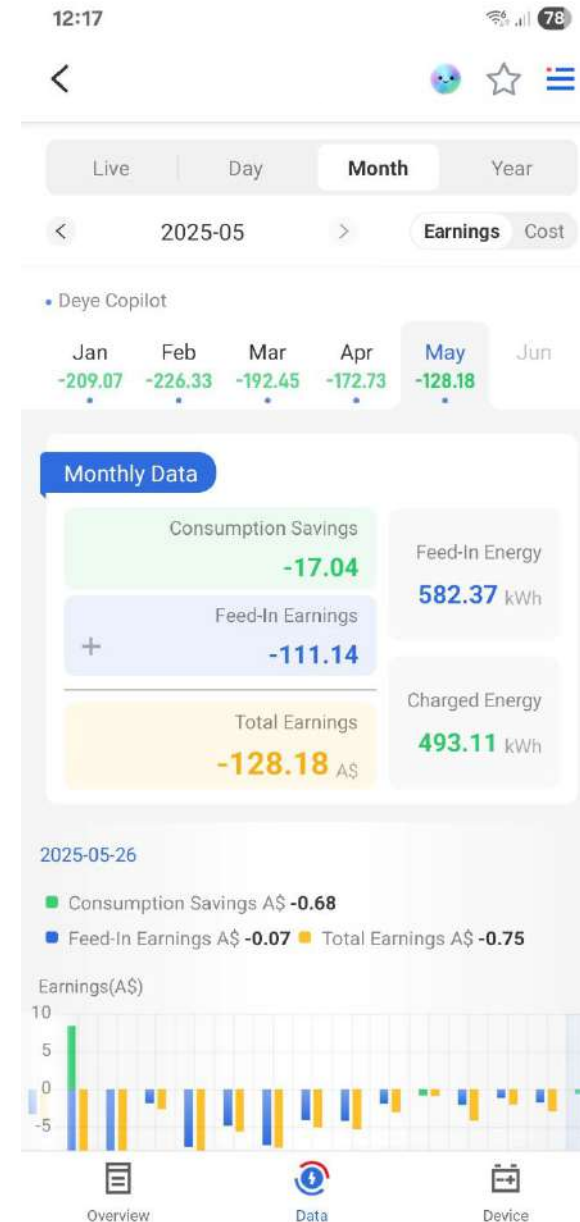
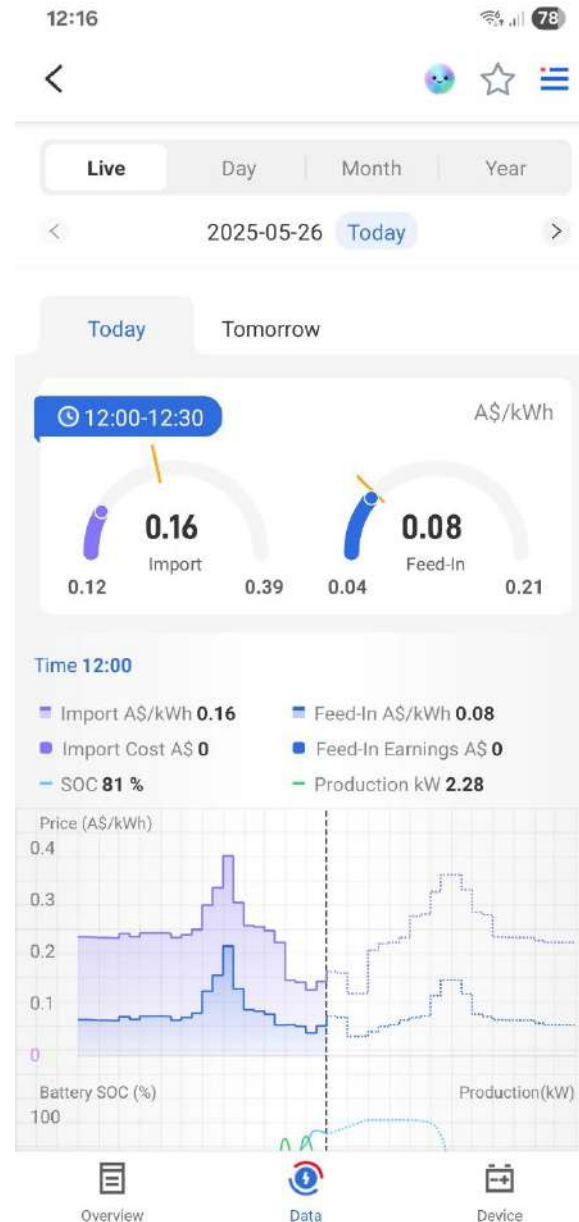
With smart load settings based on time and battery SOC, it is possible to achieve home automation based on energy management.

It supports time-of-use or integration with dynamic pricing to achieve the lowest possible electricity costs.

Deye Cloud utilizes two localized data centers in **Europe and America** to ensure data independence and security.



Deye Cloud Monitoring Platform




Cloud Management: AI Innovations for Smarter Operations



Deye Copilot leverages advanced algorithms to analyze dynamic electricity prices, load forecasts, and solar predictions, providing your energy system with optimized scheduling solutions to maximize electricity cost savings

AI Assistant resolves issues faster by offering response suggestions and personalized support experience in over 30 languages.

1. Price – Strategy – Earning in one click




Live Electricity Price for dynamic tariff

Visualization of live electricity price for dynamic tariff

Battery charging/discharging strategy automatically generated and deployed


2. Earnings and Costs under control

View details about how Deye Copilot cuts your electricity bills – everyday, every month, every year.

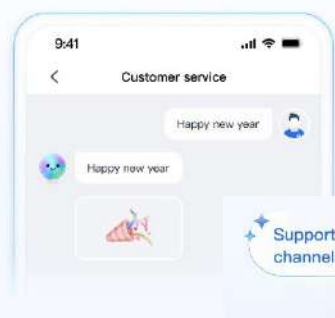


3. Switch between Deye Copilot and ToU

Enable Deye Copilot or go back to ToU in one click






AI Chatbot pre-trained on device user manual and Deye Cloud user guide



Support multiple languages on multiple communication channels

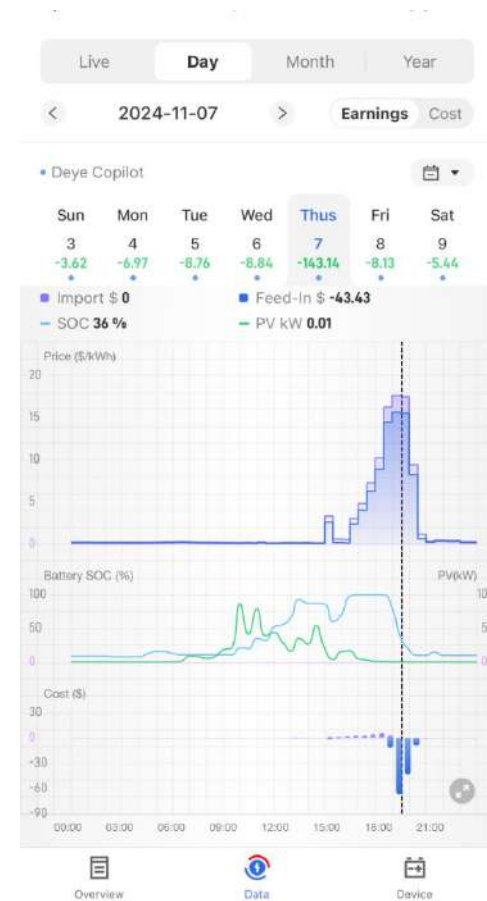
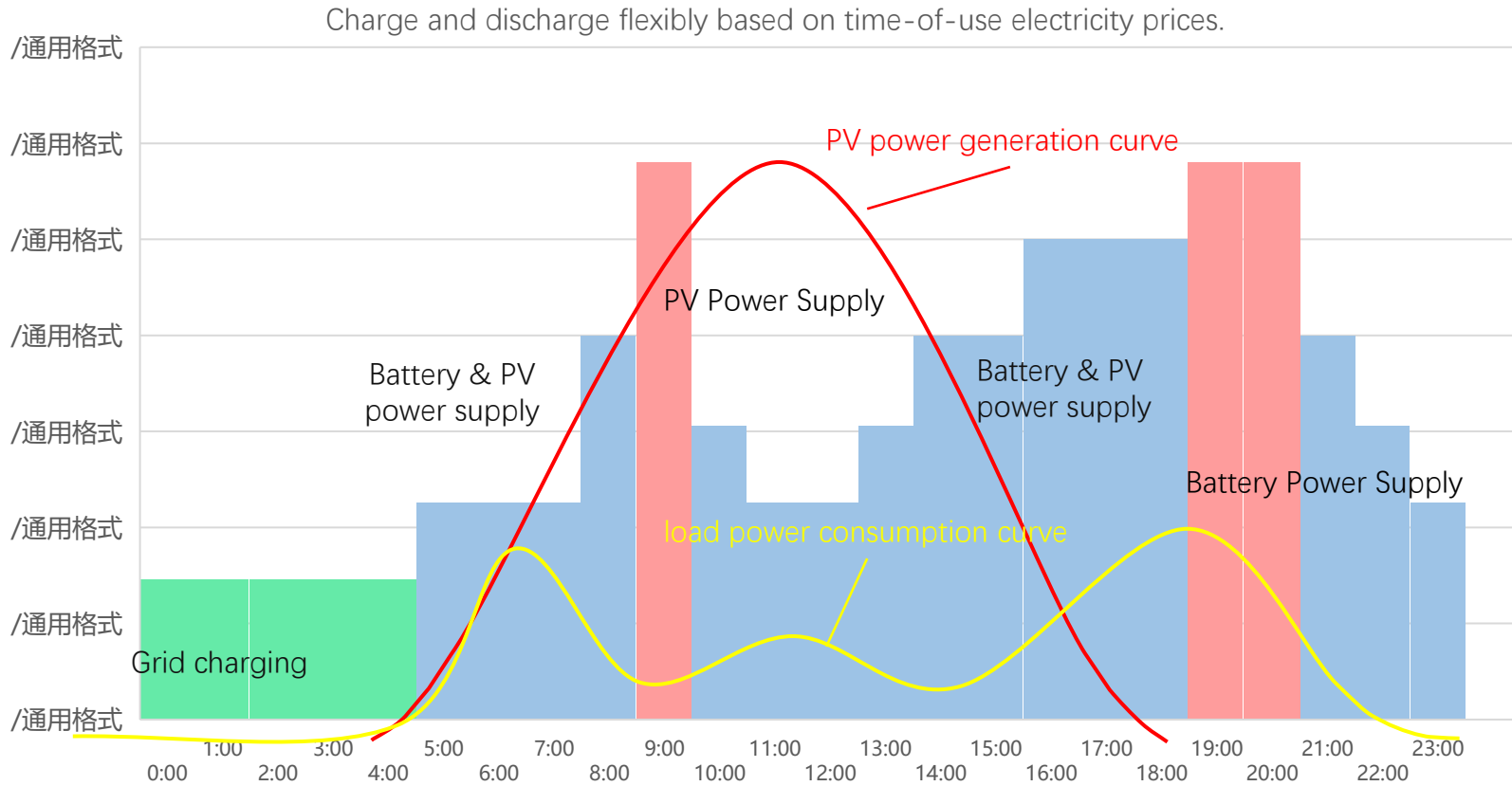
30+ Languages

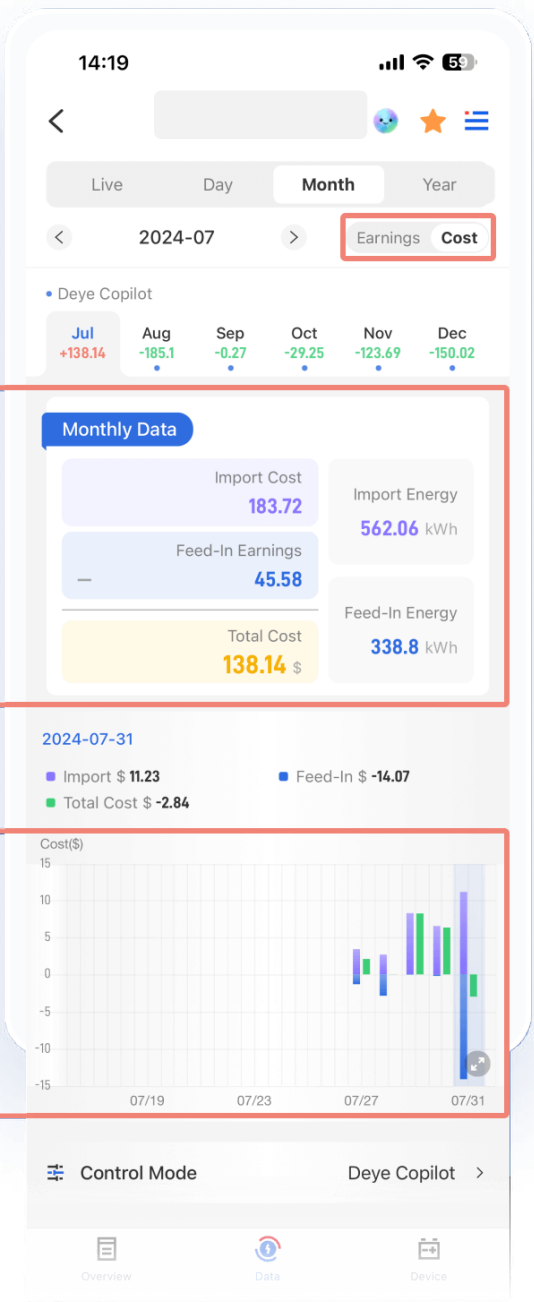
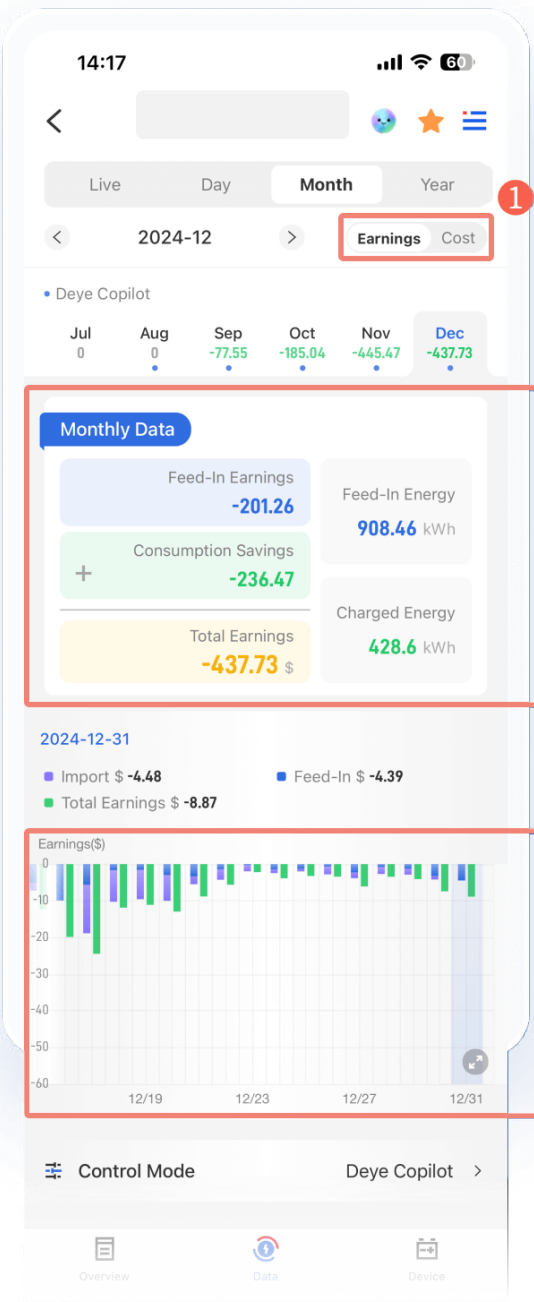


Customizable Charging and Discharging Function

The inverter can be programmed with 6 different charging and discharging time slots to make the most of [time-of-use electricity pricing](#) and reduce costs.

Through the **Deye Copilot** feature in the [Deye Cloud](#), the system can also access local [dynamic electricity prices](#), enabling AI to make decisions on selling or buying electricity (available in select regions).





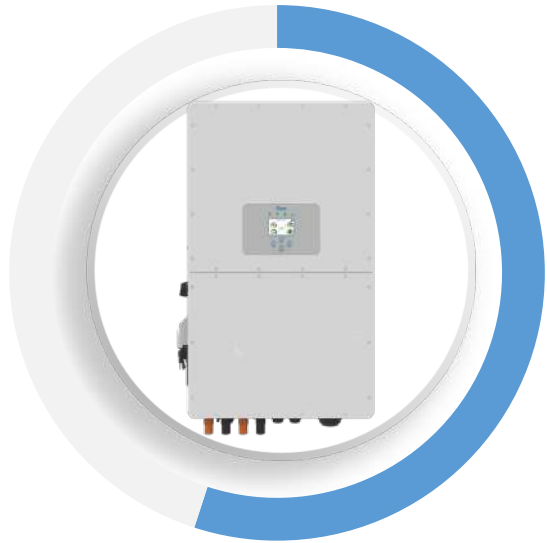


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Widest Range of CEC-Listed Hybrid Inverter Models



Hybrid Inverter

3-80kW

LV,1Phase



1 phase , 2 MPPT
SUN 3/6K-SG04



1 phase, 2MPPT
SUN 8K-SG05



1 Phase, 3 MPPT
SUN 10/12K-SG02



1 Phase, 3 MPPT
SUN 16K-SG01

LV,3Phase



3 Phase, 2 MPPT
SUN 5/12K-SG04

(New product)



3 Phase, 2 MPPT
SUN 14/16/18/20K-SG05

HV,3phase

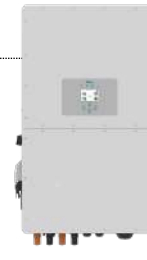


3 Phase, 2 MPPT
SUN 5/20K-SG01HP3



3 Phase, 4 MPPT
SUN 29.9/50K-SG01

(New product)

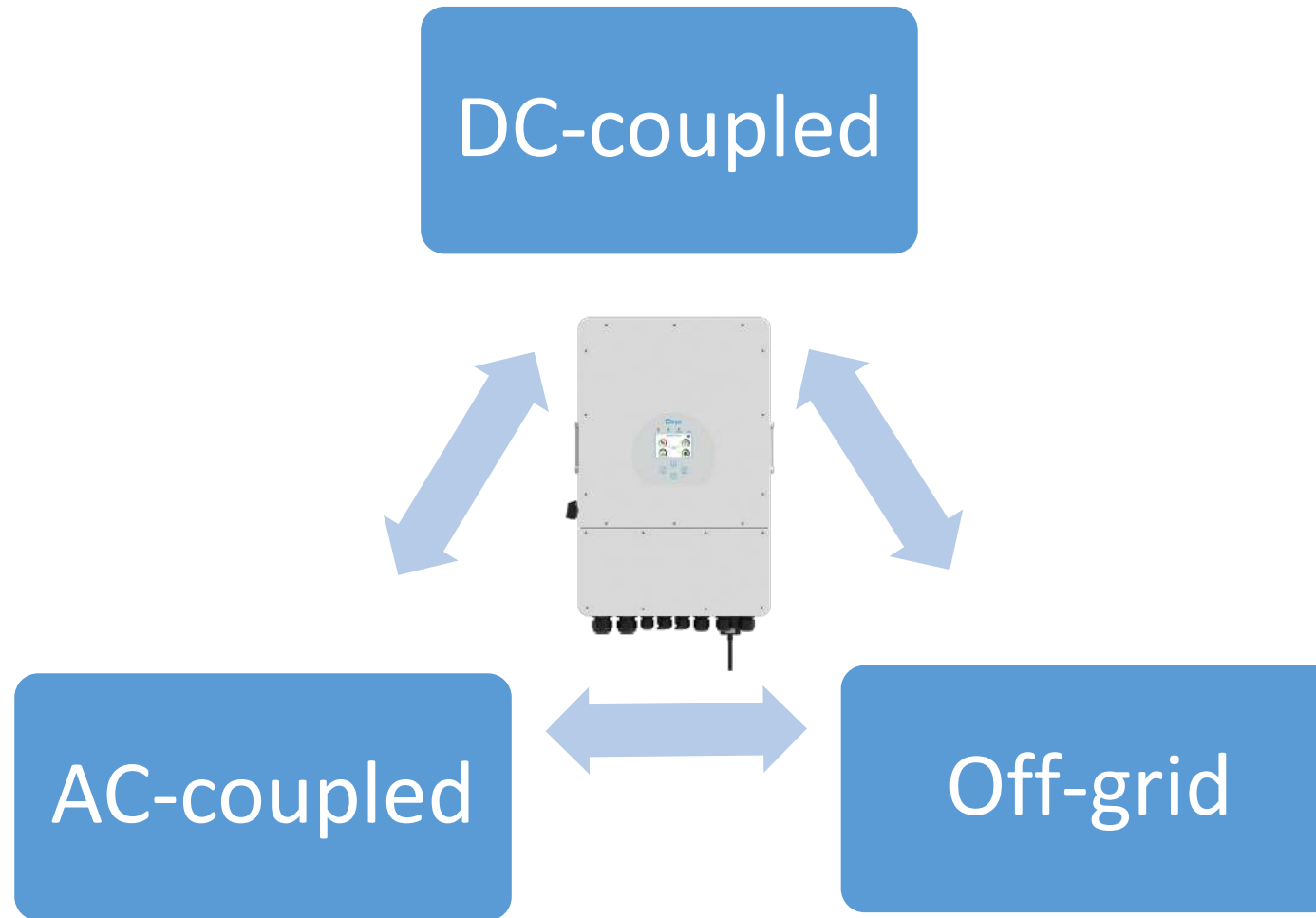


3 Phase, 4 MPPT
SUN 60/75/80K-SG01

Deye offers the industry's most extensive range of ESS solutions, covering residential, small-scale C&I, and full off-grid applications.

	Deye	Growatt	Goodwe	Sungrow	Solis	Sofar
1P LV	3-16kW (16 in Parallel)	3-6kW (6 in Parallel)	3.6-8kW	None	3-8kW (6 in Parallel)	3-6kW
1P HV	None	2.5-6kW	3-6kW	5-10kW	None	None
3P LV	5-20kW	None	None	None	None	None
3P HV 5-30kW	5-30KW (10 in Parallel)	3-10kW	5-30KW	5-10KW (5 in Parallel)	5-10KW	5-20kW
3P HV 40kW	SUN-40K-SG01HP3-EU	None	None	None	None	None
3P HV 50kW	SUN-50K-SG01HP3-EU	None	GW50K-ETC GW50K-BTC	SC50HV (battery only)	None	None

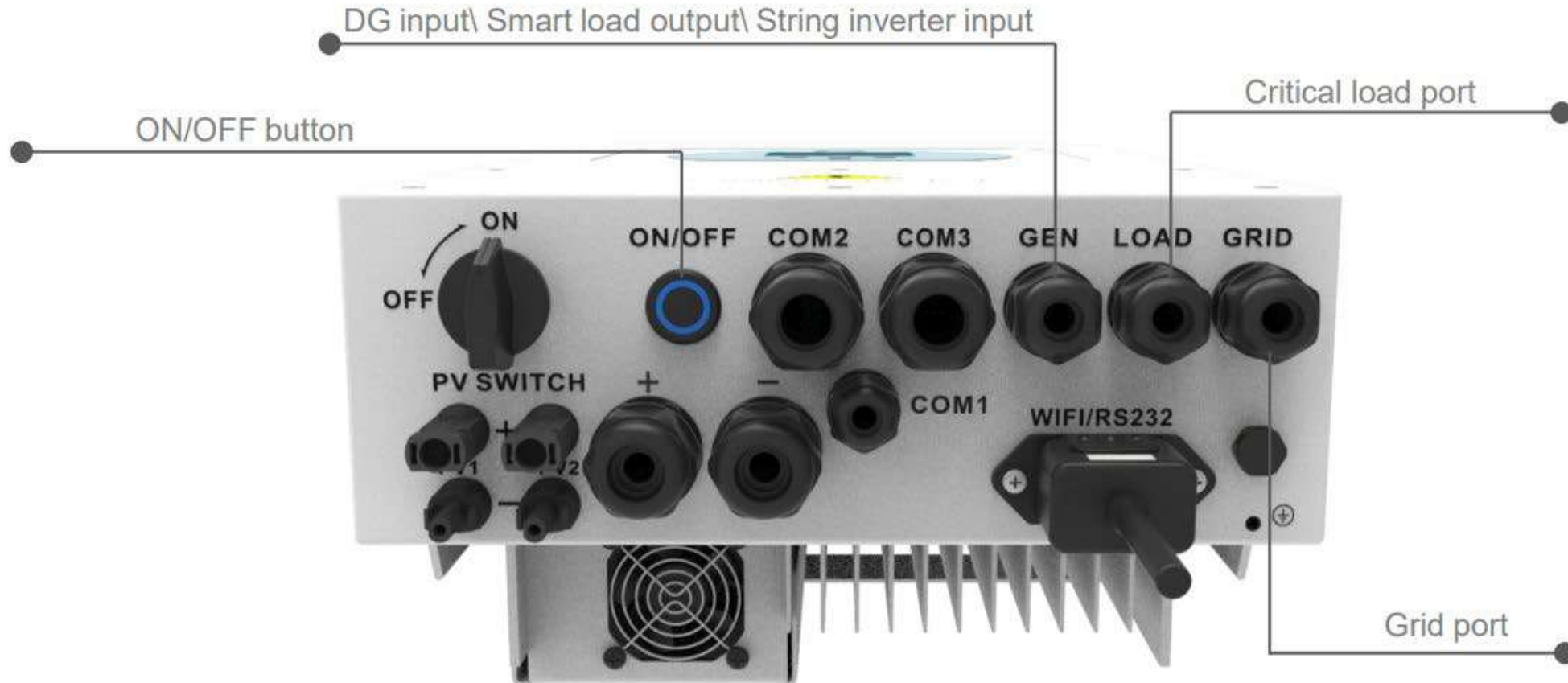
3-in-one Solution



Deye hybrid inverters are the only ones on the AU market that adapt to **3** different scenarios: DC-coupled (for new PV + storage installations), AC-coupled (for adding batteries to existing systems), and direct connection to diesel generators, providing a comprehensive solution for **full off-grid applications**.

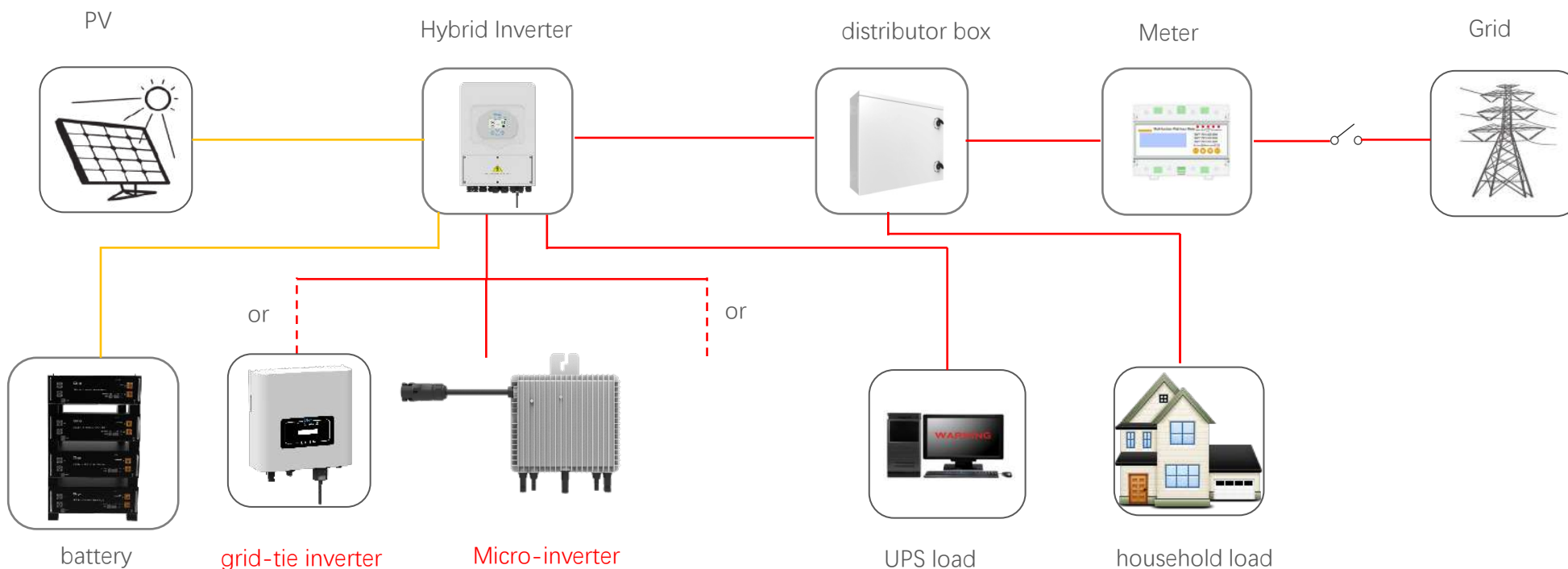
Independent Back-up Load Port

- Integrating independent grid, diesel generator, and load ports for increased flexibility and power.
- The diesel generator port can be used as both an **input** and **output**.
- Featuring a built-in **ON/OFF switch** for easy emergency shutdown, enhancing safety and reliability.

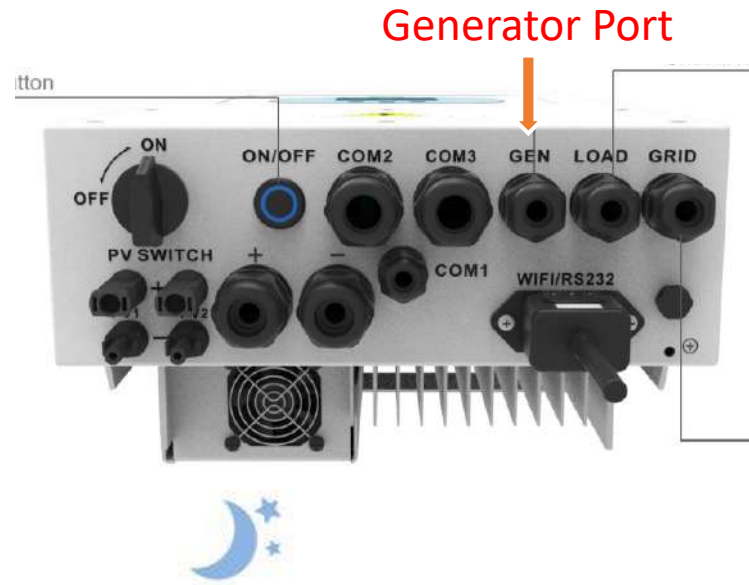


AC-Coupling Solutions

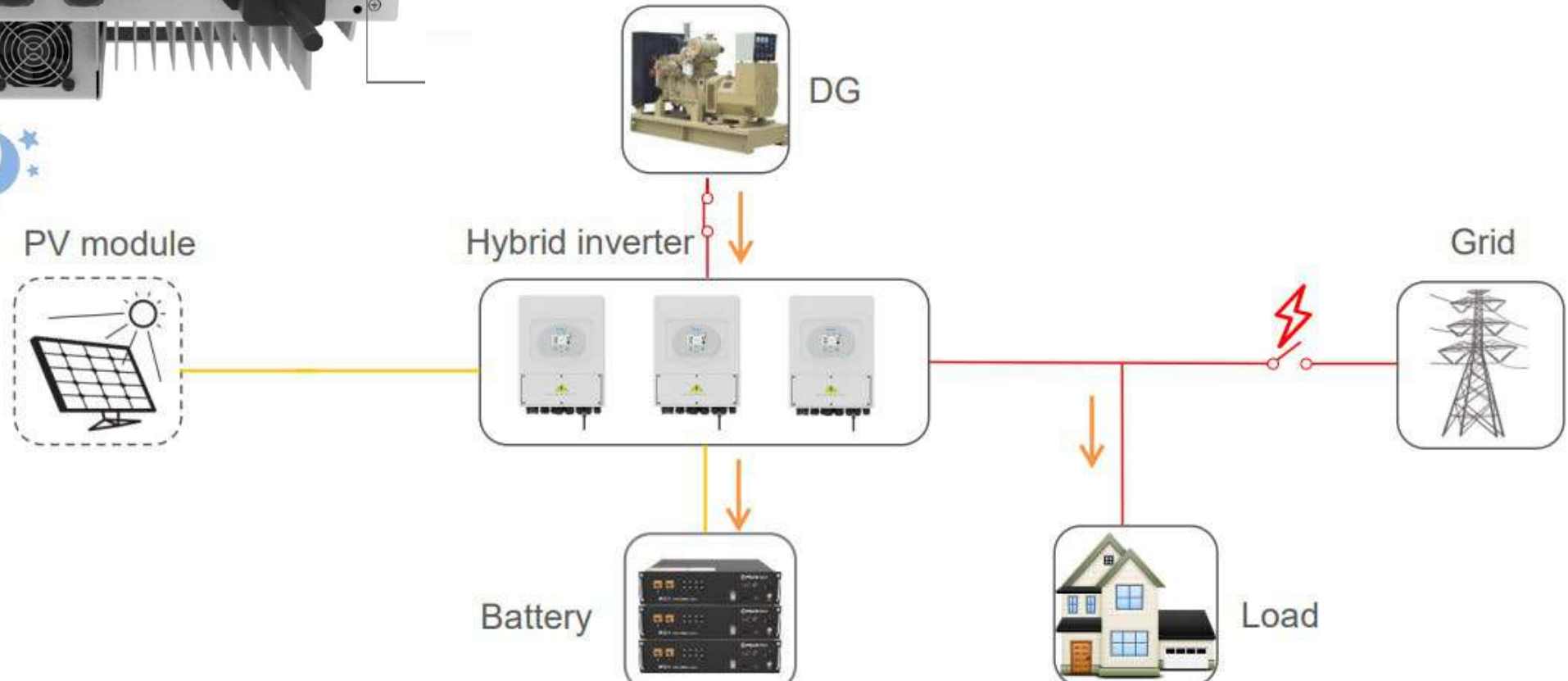
- **DEYE** inverter can be paralleled with both **micro-inverter and Grid-tie inverter** through AC coupling. Since the LV input, which can completely avoid the battery side **fire disaster** caused by HV ARC fault.
- **Through AC coupling**, Micro inverter and LV energy storage systems compose a stable Micro-grid system; Other brand energy storage system can only be paralleled with grid-tied inverter.



Supports diesel generator charges battery

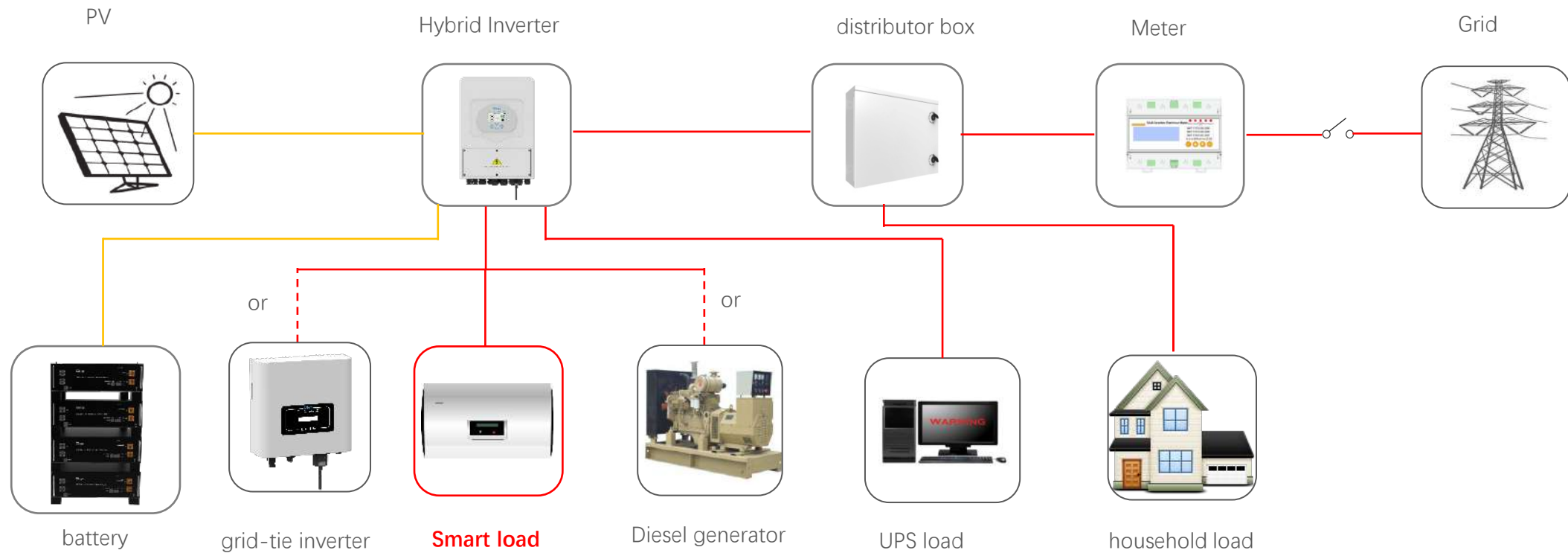


- Equipped with a built-in **Generator Port**, Deye inverter can automatically start the Diesel Generator to supply power and charge the battery in case of a utility grid outage, and it can operate 24/7 in off-grid mode.



Smart Load

- The diesel generator port can be used as an **output port** to power the load.



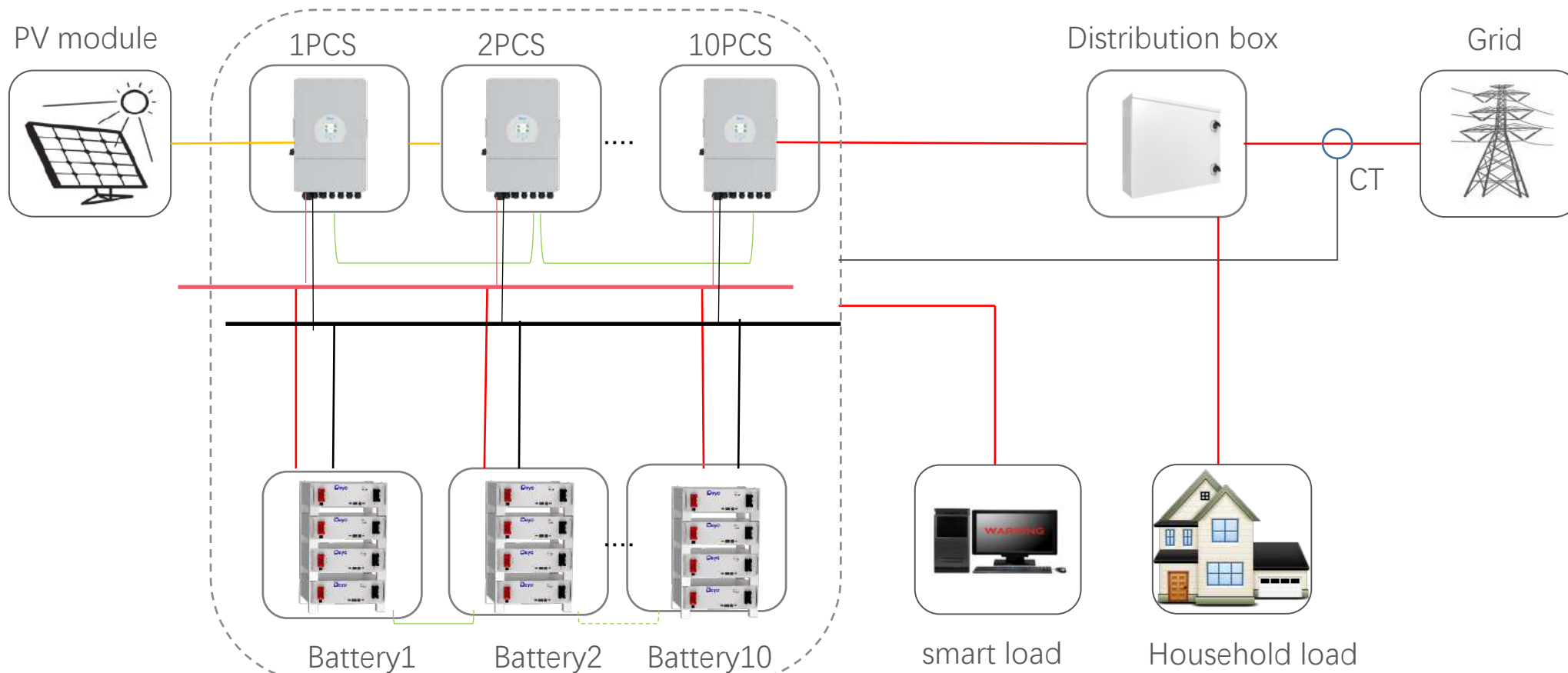
Multiple Parallel Solutions

- **No Need for Extra Cost:**

DEYE LV hybrid Inverter can support **16** pcs in parallel, without extra BMS box;

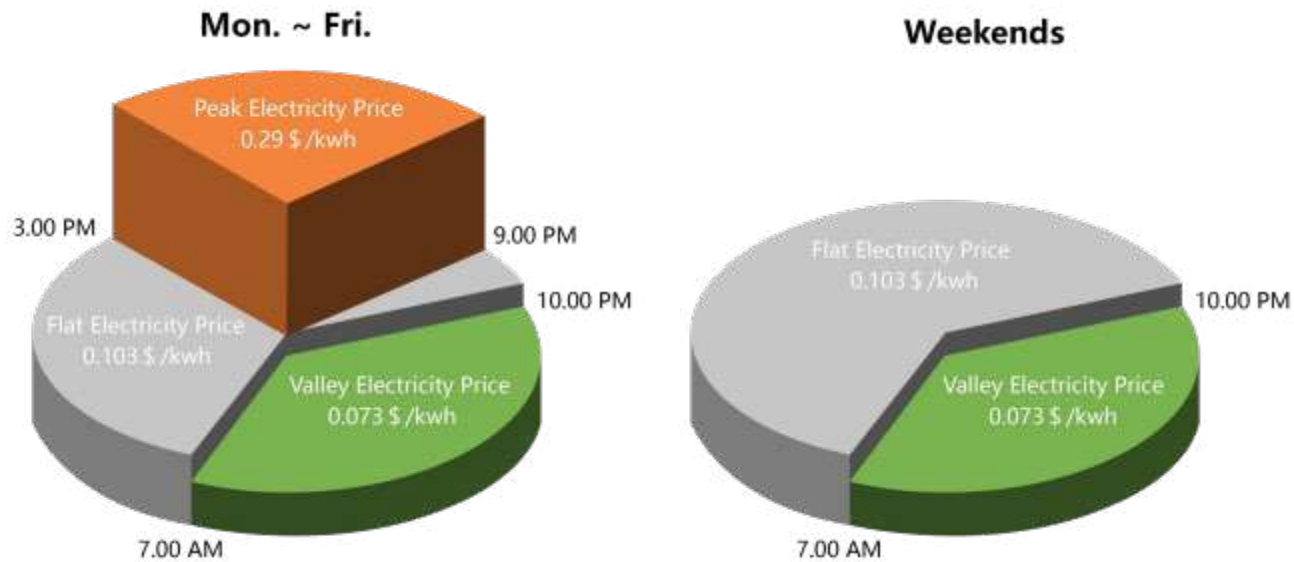
- **No Need Extra BMS Box:**

Normal HV hybrid inverter need extra BMS box, when expand the system



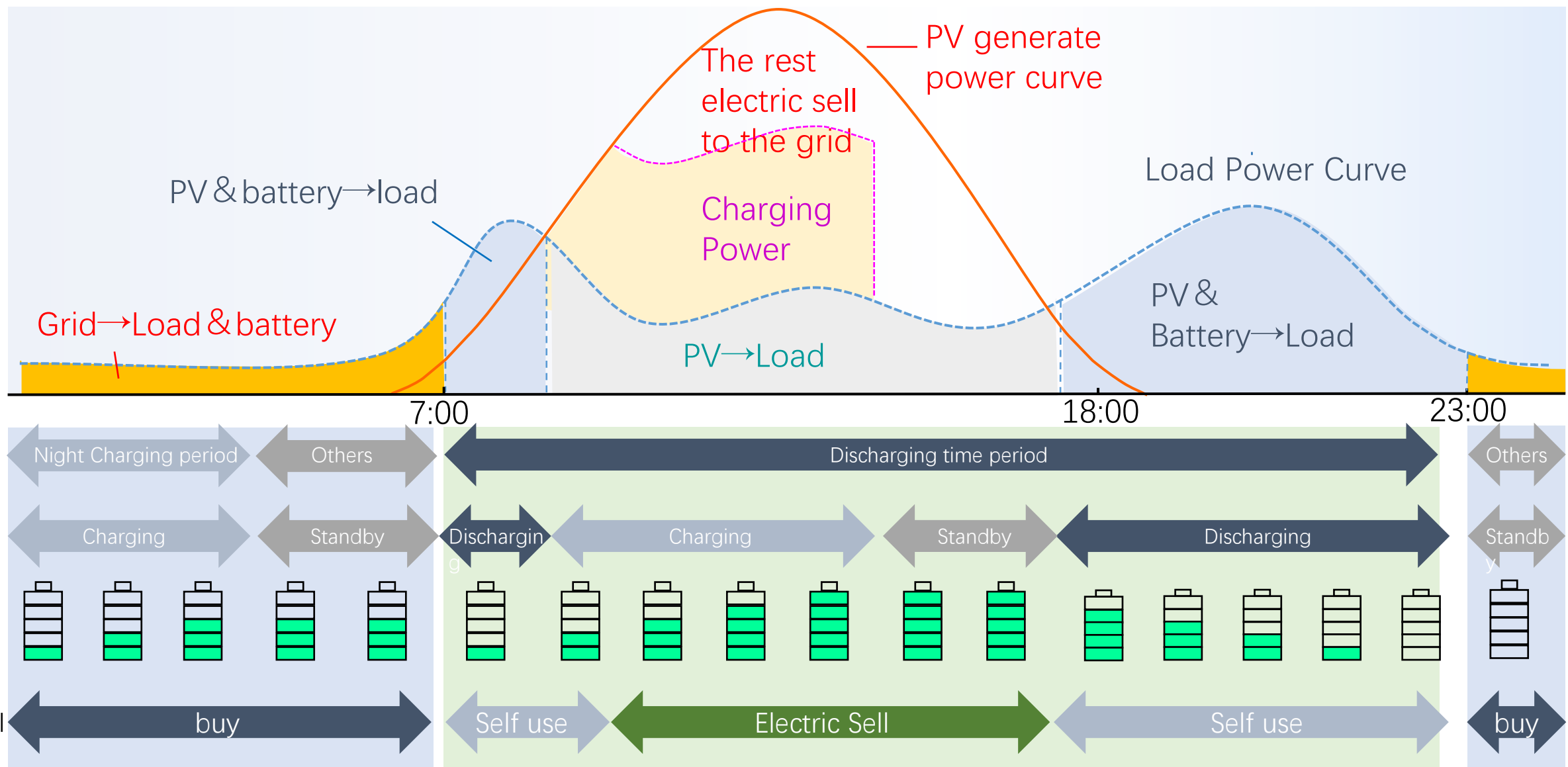
Time of use Solutions

- 6 charging/discharging periods, fully make advantage of peak-valley electricity price to lower electricity costs.



System Work Mode					
Grid Charge	Gen	Time Of Use		Batt	
		Time			
<input type="checkbox"/>	<input type="checkbox"/>	01:00	~ 5:00	80%	<input type="button" value="↑"/> Work Mode2 <input type="button" value="↓"/> <input type="button" value="✕"/> <input type="button" value="✓"/>
<input type="checkbox"/>	<input type="checkbox"/>	05:00	~ 9:00	80%	
<input type="checkbox"/>	<input type="checkbox"/>	09:00	~ 13:00	80%	
<input type="checkbox"/>	<input type="checkbox"/>	13:00	~ 17:00	80%	
<input type="checkbox"/>	<input type="checkbox"/>	17:00	~ 21:00	80%	
<input type="checkbox"/>	<input type="checkbox"/>	21:00	~ 01:00	80%	

Time of use Solutions



RW-F10.2



Product Features

- ◆ **Safer and reliable**
Cobalt Free Lithium Iron Phosphate (LFP) Battery. Intelligent BMS, providing complete protection. Built-in 125A circuit breaker.
- ◆ **Long life**
0.5C/1C cycle life 6000 times
- ◆ **High-rate**
Maximum support 1C/1.2C continuous charging and discharging. Peak discharge current of 150A 2min.
- ◆ **Parallel capability**
Up to 32 parallel machines can be supported. The max power of the system can reach 326kWh. Suitable for residential and commercial applications.
- ◆ **Flexible**
Battery module auto networking(No DIP switch code). Support Deye remotely monitoring and upgrade. Also supports Deye inverters to form a stack all-in-one system.
- ◆ **Two Mounting Methods**
Supports wall-mounted and floor stand with removable base.

Specification Parameter

Model	RW-F10.2
System Parameter	
Nominal Voltage	51.2V
Nominal Capacity	200 Ah
Rated Capacity	10.2 kWh
Net Weight(N.W.)	104kg
Dimensions(W*D*H)	600*760*200mm
IP Rating of Enclosure	IP65
Electrical Specification	
Operating Voltage Range	43.2 V~57.6 V
Max. continuous discharge current	198 A
Peak discharge current(25°C)	300 A 2mins
Max. continuous charge current	240 A
Cycle Life (25°C,0.5C/0.5C,70%EOL)	≥6000
Operating Environment	
Charging temperature	1~55 °C
Discharge temperature	-20~55 °C
Storage temperature (recommend)	0~35 °C
Certification	
UN38.3, IEC62619, CE, CEI 0-21, VDE2510-50, CEC, IEC62040	

Model	Powerbox Pro
Battery Type	LiFePO4
Battery Capacity	200Ah
Nominal Battery Energy	10.24kWh
Recommend Output Power	5.12kW
Max Output Power	7.68kW
Net Weight	115kg
Nominal Voltage	51.2V
Dimension[W*D*H]	555*210*1020mm
Working Voltage	44.8~58.4V
Charging Temp. Range	0-50°C
Discharging Temp. Range	-20-55°C
Communication	CAN / RS485/RS232
Warranty	10 Years
Warranty Document Supplied	Yes
Calendar Life ^[1]	>6000 Cycles
Protection Level	IP65
Scalability	Up to 4 units in parallel
Color	White
Alarms	Overcharge/Overdischarge/Overcurrent/ Overtemperature/Short Circuit
Monitoring & Protection	Each system has smart BMS, breaker embedded in system
Pros	Can be used in both off-grid and hybrid setups, compact design, modular expansion
Compatible Inverters	Victron/SMA/Goodwe/ Imeon /Solis/SAJ / Growatt/Luxpower/Voltronic/Deye etc.
Certification & Safety Standard	TUV/CE/UN38.3 CEI-021 Undergoing

[1] Test conditions: 0.2C Charging/Discharging @25°C, 80% DOD



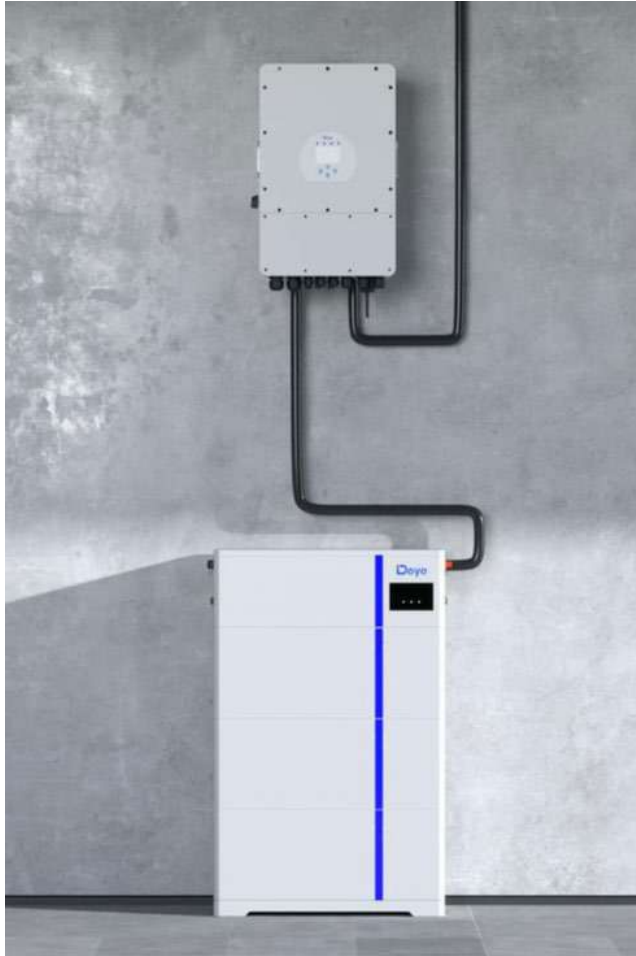
Powerbox Pro

ENERGY STORAGE SOLUTIONS

LiFePO4 chemistry battery with safety performance and longer cycle life, which offers you various capacities to meet more of your requirements.

APP Monitoring • Various Installation • IP65 Protection • Flexible Expansion

Deye AI-W5.1-B LV Stackable Battery



Sungrow SBR HV Stackable Battery



Product introduction

Deye ESS LV-Rack Battery SE-G5.1 Pro-B



Floor-Mounted



Wall-Mounted

Model		SE-G5.1 Pro-B
Main Parameter		
Battery Chemistry		LiFePO ₄
Capacity (Ah)		100
Scalability		Max. 64 pcs pack (327kWh) in parallel (Max. 32 pcs no external setup)
Nominal Voltage (V)		51.2
Operating Voltage(V)		43.2~57.6
Nominal Energy (kWh)		5.12
Usable Energy (kWh) ^[1]		4.6
Charge/Discharge Current (A) ^[2]	Recommend	50
	Max.	100
	Peak(2mins, 25°C)	150

Use top brand A class, square LiFePO₄ cell

No manual dip is required, and the wiring harness is automatically coded after insertion

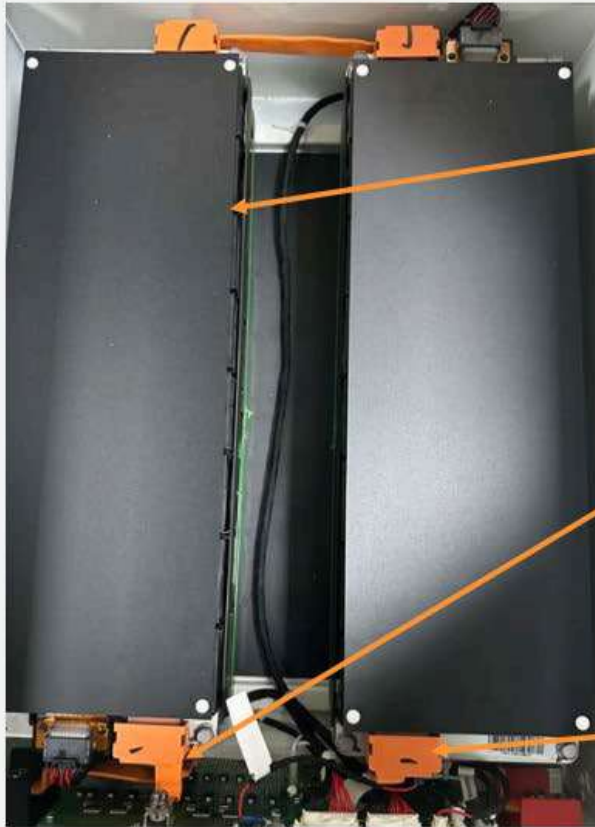
Inner cell 1P16S

rated voltage * rated capacity

90% depth of Discharge

Maximum to support 1C continuous charge and discharge. 1.5C 2min charge and discharge

Deye battery internal design



Vertical placement of battery cells, suitable for wall-mounted and horizontal installation, without affecting service life.

All power circuits use soft copper bars, with high current carrying capacity, low pressure drop, and low heat generation.

Both the positive and negative poles of the module have insulated protective covers.

Other battery internal designs



The battery cells are placed on the side and can only be used for wall mounting. If installed horizontally, it will greatly reduce the lifespan of the battery cells.

The power circuit uses two parallel flexible wires, which have a high voltage drop and are prone to bias, causing heating and other problems.

The positive and negative poles of the module have no insulation protection and there is a risk of short circuit.

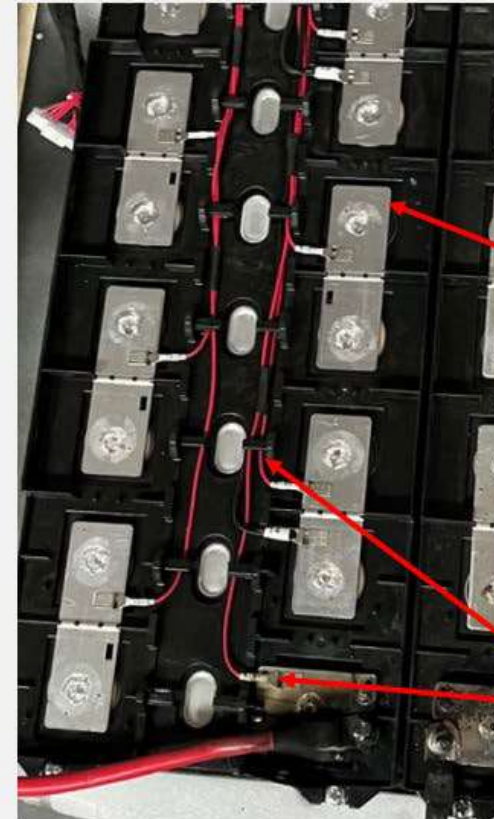
Deye battery internal module design



The integrated CCS integrated busbar seamlessly integrates voltage and temperature acquisition harnesses, FPCs, plastic structural components, aluminum bars, and other components without any wiring sequence errors or poor contact problems;
voltage and temperature sampling 2:1 configuration.

Each voltage detection has a 3A fuse, which immediately protects the sampling port in case of a short circuit and does not cause any danger.

Other battery internal module design



Ordinary plastic structural components and aluminum bar schemes use separate welding methods for voltage and temperature collection, which can easily lead to problems such as wire sequence errors and poor contact;
Voltage and temperature sampling is only 4:1, with limited coverage.

The voltage detection adopts a wiring harness scheme. **When a short circuit occurs at the sampling port, it will burn out the wiring harness and easily cause fire accidents.**

8 **Victron Energy B.V.**

Power Conversion Equipment



MODEL NUMBER	CERTIFICATE NUMBER	SERIES TYPE	SOFTWARE CLIENT	APPI >
SmartSolar MPPT RS 450 100 - Tr	SAA210131	SmartSolar MPPT RS		22/12/2021
SmartSolar MPPT RS 450 200 - Tr	SAA211805	SmartSolar MPPT RS		22/12/2021
BlueSolar MPPT 100/50	SAA152176	BlueSolar MPPT		07/06/2021
BlueSolar MPPT 150/35	SAA152176	BlueSolar MPPT		07/06/2021
SmartSolar MPPT 100/50	SAA152176	SmartSolar MPPT		07/06/2021
SmartSolar MPPT 150/35	SAA152176	SmartSolar MPPT		07/06/2021
BlueSolar MPPT 150/45	SAA152176	BlueSolar MPPT		07/06/2021
SmartSolar MPPT 150/45	SAA152176	SmartSolar MPPT		07/06/2021

4 **Victron Energy BV**

Stand Alone Inverter With Generator Input Battery Only

MODEL NUMBER	APPROVAL DATE	EXPIRY DATE	NUMBER OF PHASES	R. O. >
MultiPlus-II 48/3000/35-32 230V	13/11/2023	13/11/2026	1	3000
MultiPlus-II 48/3000/35-32 230V GX	13/11/2023	13/11/2026	1	3000
MultiPlus-II 48/5000/70-50 230V	13/11/2023	13/11/2026	1	5000
MultiPlus-II 48/5000/70-50 230V GX	13/11/2023	13/11/2026	1	5000



<https://www.cleanenergycouncil.org.au/industry/products/inverters/approved-inverters>

Stand - Alone Inverter With Grid Input - Battery Only



MODEL NUMBER	APPROVAL DATE	EXPIRY DATE	NUMBER OF PHASES	RATED OUTPUT	>
SPLC1202 (AS4777-2 2020)	31/08/2022	31/08/2025	1	20000	
SPLC1200 (AS4777-2 2020)	31/08/2022	31/08/2025	1	15000	
SPMC480-AU (AS4777-2 2020)	08/04/2022	08/04/2025	1	3500	
SPMC481-AU (AS4777-2 2020)	08/04/2022	08/04/2025	1	5000	
SPMC482-AU (AS4777-2 2020)	08/04/2022	08/04/2025	1	7500	

Stand Alone Inverter With Generator Input Battery Only



MODEL NUMBER	APPROVAL DATE	EXPIRY DATE	NUMBER OF PHASES	RATED AC OUTPUT (VA)	>
SPMC240-AU	21/07/2022	22/06/2025	1	3000	
SPMC 241-AU	21/07/2022	22/06/2025	1	4500	
SPMC1201	21/07/2022	22/06/2025	1	7500	

SP PRO AU series models

24V	24V	48V	48V	48V	120V	120V	120V
3.0 kW	4.5 kW	3.5 kW	5.0 kW	7.5 kW	7.5 kW	15.0 kW	20.0 kW
SPMC240-AU	SPMC241-AU	SPMC480-AU	SPMC481-AU	SPMC482-AU	SPMC1201	SPLC1200	SPLC1202

3-PH models eliminate the need for combining multiple inverters

Off-grid Market



Built-in Multiple MPPTs, PV-Ready

Off-grid Market



PV input with two MPPT



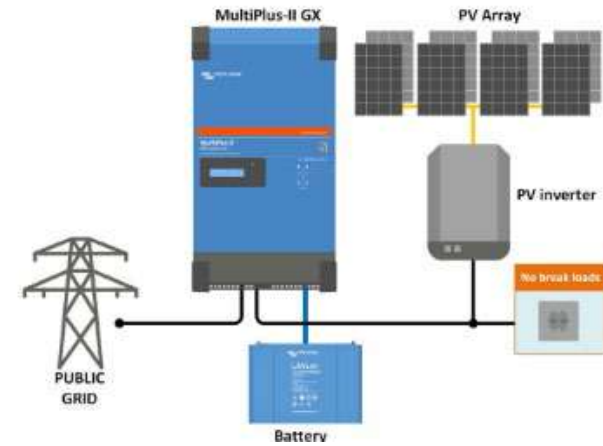
WIRING



OFF GRID SOLAR SYS

Built-in Multiple MPPTs, PV-Ready

Off-grid Market



PV input with two MPPT



The most open platform

Off-grid Market

Support the following 3P Batteries



Australia-made brands



R&D and Innovation/certification

EN50549

01

IEC

02

UL1741

03

VDE 4105

04

VFR

05

CEI 0-21

06

RD1699

07

Inmetro

The collage displays seven certification documents for Deye inverters, arranged in a grid-like fashion. Each document is a different color and features the logo of the certifying body. The documents are: 1. EN50549 IEC Certificate of Conformity (SGS) for model SUN-6K-502LP1-EU. 2. UL1741 Certificate of Conformity (SGS) for model SUN-6K-502LP1-EU. 3. VDE 4105 Certificate of Suitability (SGS) for model SUN-6K-502LP1-EU. 4. CEI 0-21 Test Report (Bureau Veritas) for model SUN-3.6K-SG3LP1-EU. 5. VFR Test Report (Bureau Veritas) for model SUN-3.6K-SG3LP1-EU. 6. RD1699 Test Report (Bureau Veritas) for model SUN-3.6K-SG3LP1-EU. 7. Inmetro Certificate of Conformity (ENAC) for model SUN-6K-502LP1-EU.



CONTENTS

01 Who we are?

02 What we do?

03 Why Deye?

04 Project Showcase



Global Cases, Widely Applied



Inverter: SUN-50K-SG01HP3-EU-BM4*7(pcs)
Battery: BOS-G

South Africa | Deye



Deye inverters have been deployed in over a hundred countries and regions worldwide, with their unrivaled reliability and adaptability being validated in a multitude of projects.

The exceptional functional features have garnered recognition and admiration from tens of thousands of users.

Project Case

PV Grid-tie Plant



5 KW PV Grid-tie inverter, NSW



5KW PV Grid-tie Hybrid, VIC



Project Case



1PH 5kW/10kWh, Australia



1PH 8kW/10kWh, Australia



Project Case



3PH 10kW/20kWh, Australia



3PH 10kW/20kWh, Australia



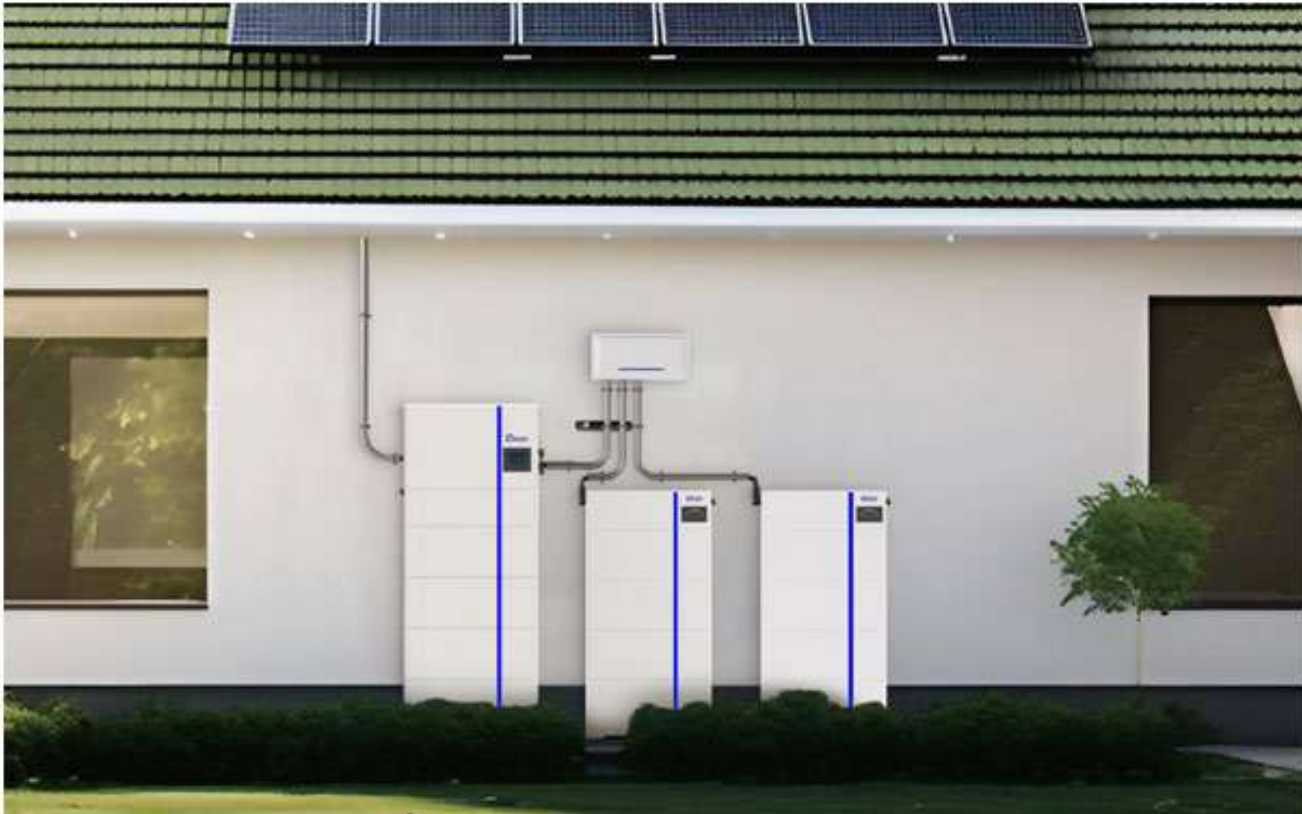
Project Case

Storage Power Plant

Storage Power Plant, Australia

Location: NSW Capacity: 8KW/20kWh

AI-W5.1-B



Project Case

Storage Power Plant

Storage Power Plant, Australia

Location: VIC Capacity: 2 * 8KW/20kWh





Project Case

Storage Power Plant

Storage Power Plant, Australia

Location: VIC Capacity: 1PH 16KW/30kWh



Project Case

Storage Power Plant

Storage Power Plant, Australia

Location: VIC Capacity: 8KW/20kWh

Full Off-grid



Project Case

PV Grid-tie Plant

320KW PV Grid-tie Plant, Brazil

Location: Brazil Capacity: 320KW Model: SUN-80K-G



Global Cases, Widely Applied

40kW Photovoltaic Energy Storage Power Station

Location: USA

Inverter: SUN-8K-SG

Capacity: 40kW



Project Case

Storage Power Plant

24KW Storage Power Plant, Vietnam

Location: Vietnam Capacity: 24KW Model: SUN-12K-SG



Project Case

Residential Energy Storage System

5KW Residential Energy Storage System, Vietnam

Location:Vietnam Capacity:5KW Model:SUN-5K-SG04



Project Case

Storage Power Plant

72KW Storage Power Plant, Palestine

Location: Palestine Capacity: 72KW Model: SUN-12K-SG



Project Case

Off-grid



Project Case

C & I Energy Storage System

100KW ESS Plant

Location:South Africa Capacity:100KW Model:SUN-50K-SG01HP3+BOS-G (2 PCS in parallel)



Project Case

C & I Energy Storage System

C & I ESS Plant

Location:South Africa

Model:SUN-50K-SG01HP3+BOS-G (7 PCS in parallel)





RedEarth
ENERGY STORAGE

Dingo

Australia's easiest scalable C&I system



- OFF-GRID RESORT
- HOSPITALS/ MEDICAL
- CATTLE STATION
- MINING CAMP

- LARGE RESIDENTIAL
- COMMERCIAL BUILDINGS
- APARTMENT BUILDINGS - EV
- OUTBACK FARM

OUTDOOR-RATED, ON & OFF GRID, MODULAR ENERGY STORAGE. FROM 29.9KW TO 500KW

Fully integrated with RedEarth's Enterprise Power Plant (EPP), Dingo provides a range of world class benefits, including:

- Integrated with RedEarth's Enterprise Power Plant (EPP)
- EPP - Energy trading - Power sharing - Power Ranger (manual battery control)
- RedEarth EMU app for on-the-go monitoring and control
- All-in-one outdoor system with RedEarth AC combiner box
- Modular design with scalable power and energy (50kW + 60kWh)
- Integrated solar MPPT for direct solar connection
- Certified SuperGrid ready (AS4777.2)
- EV fast charging options available

"Dingo is the answer when you want a larger, scalable battery system that is fully supported by RedEarth's EPP and our status as an official integrator with Deye"

Co-Founder and Chief Technology Officer, RedEarth Energy Storage









Deye 50kW/60kWh ESS in QLD Australia



SkyBox
MAX-O



Project Case

C & I Energy Storage System

C & I ESS Plant, Port of Townsville Australia

Capacity: 250kW/300kWh Model: SUN-50K-SG01HP3+GE-F60 (5 PCS in parallel)



Project Case



Project Case

C & I Energy Storage System

100kW Hybrid+360kW Deye BOS-G ESS

200kW Hybrid+240kWh Deye BOS-G ESS





The background of the image shows a clean, modern data center. On the left and right walls, there are large white electrical cabinets with blue and green labels. A network of silver metal pipes runs horizontally across the wall, connecting to a smaller white cabinet labeled "Deye". In the center and right, several tall, white server racks are lined up. Each rack is filled with server units, and many of them have yellow and black cables plugged into their front panels. The floor is made of light-colored square tiles.

THANKS



Stock Code: 605117

George Liu

Country Managing Director
Australia and Oceania

+ 61418291506

Georgeliu@deye.com.cn

www.deyeinverter.com

NINGBO DEYE INVERTER TECHNOLOGY CO.,LTD.

DEYE NEW ENERGY AUSTRALIA PTY LTD

Sydney | Brisbane | Melbourne, Australia