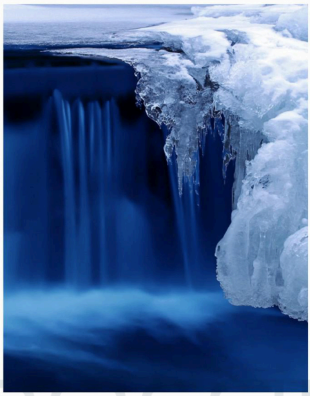
605117
STOCK CODE

ECOBATEnergy Deye

Solar Air Conditioner Series



#2025

Deye

Zhejiang Deye HVAC Technology Co.,LTD

Deye Technology Co., Ltd. is a comprehensive tech manufacturing enterprise, integrating R&D, design, production, sales, and service. It operates modern intelligent production facilities in Ningbo, Jiaxing, and other locations, spanning over 600,000 square meters with complete production and testing equipment.

Listed on the Shanghai Stock Exchange in April 2021.

Deye is committed to continuous innovation with significant R&D capabilities in Shanghai and Ningbo, employing over 500 top-tier researchers and thousands of technical staff.

600000㎡
Total Area

5000+
Employees

2021
A-Share Listed

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Solar Air Conditioner

ACDC HYBRID

DC Inverter

WIFI control

Hybrid Solar

CB CE

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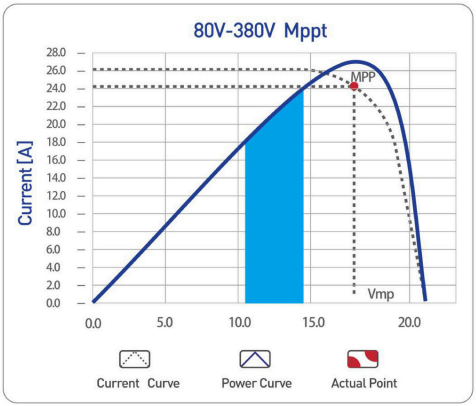
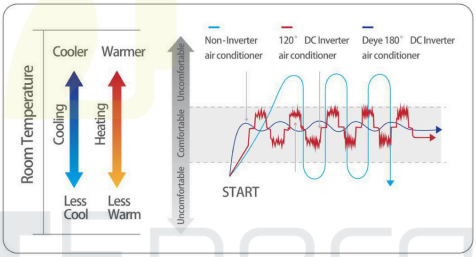
Build in Solar MPPT

- Intelligent control for detection and adjustment
- Efficiency: 99.9%
- DC to DC 0 conversion lose
- 10+ years life design



SVPWM technology

- 180° sine wave controller technology
- Compressor runs below 0.1Hz
- Operate during 50% voltage drop



Solar AC advantage

ITEM	DEYE Hybrid Solar AC	Conventional Inverter
AC Power supply (220V 50/60HZ)	Y	Y
DC Power supply (80VDC-380VDC)	Y	N
AC+DC Mix Power	Y	N
No electricity works	Y	N
App smart control	Y	Depends
App smart power meter	Y	N
Soft power start	Y	N
Average Energy saving	60-100%	20%

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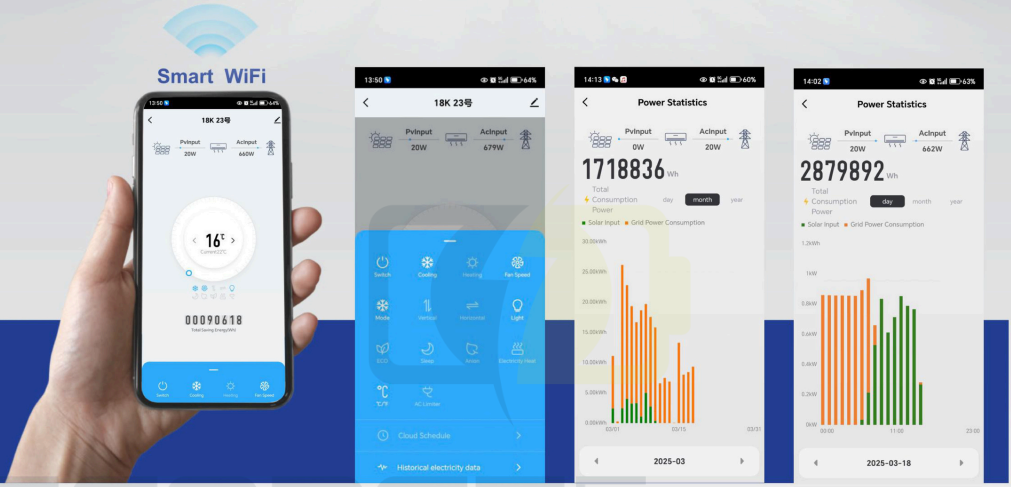
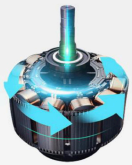


Key components



Brushless DC fan motor

Twin Rotary DC Compressor

Intelligent Grid Indicator

WiFi Smart Control

- Designed for end-user
- Monitor unit make energy saving visable
- Easy setting
- Convenient & long-range remote control

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Technical Specifications

ACDC R32

Items	Unit	9000BTU	12000BTU	18000BTU	24000BTU
Mode		DWGA21-ACDCBLW-09KR2(EU)	DGWA21-ACDCBLW-12KR2(EU)	DGWA5-ACDCBLW-18KR2(EU)	DGWA6-ACDCBLW-24KR2(EU)
Solar Power Voltage	V	80~380	80~380	80~380	80~380
Grid Power Voltage	V/Hz	208V~240V/50~60Hz	208V~240V/50~60Hz	208V~240V/50~60Hz	208V~240V/50~60Hz
Cooling Capacity	W	2700(800-3500)	3500(800~3900)	5010(1300~5850)	6400(1800~7800)
Cooling power input	W	620(150-1000)	860(150~1100)	1250(220~1670)	1690(340~2550)
Heating Capacity	W	3100(900-4000)	3500(900~4200)	5010(1300~5200)	7030(1800~7800)
Heating power input	W	680(150-1150)	870(150~1200)	1200(220~1420)	1780(320~2190)
EER	W/W	4.35/14.50	3.70/12.50	3.60/12.25	3.60/12.25
Indoor unit Dimension (WxHxD)	mm	840x205x295	840x205x295	1080x330x237	1080x330x237
Indoor unit Packing (WxHxD)	mm	920x290x360	920x290x360	1140x300x382	1140x362x300
Outdoor unit Dimension (WxHxD)	mm	802x564x323	802x564x323	802x564x323	900x700x337
Outdoor unit Packing (WxHxD)	mm	910x622x405	910x622x405	910x622x405	1006x755x418

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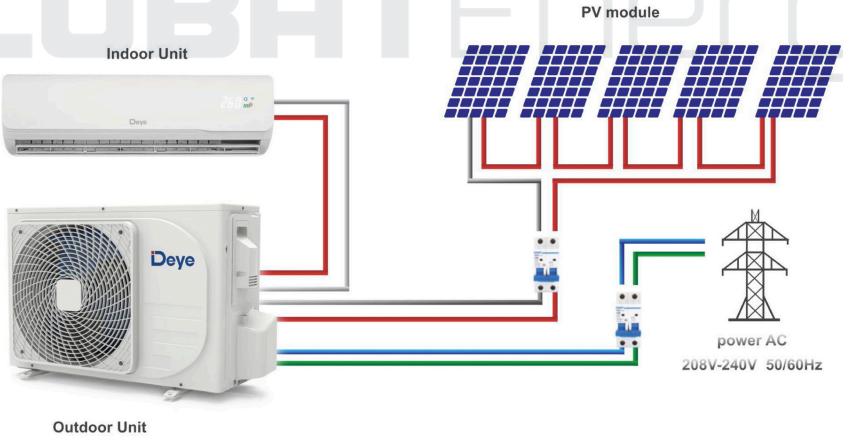

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Technical Specifications

ACDC R32

Items	Unit	24000BTU
Mode		DCaWA1-ACDC-24KR2
Solar Power Voltage/ISC	V/A	150-380V/≤20A
Grid Power Voltage	V/Hz	208V~240V/50~60Hz
Cooling Capacity	BTU	24000(6100~26600)
Cooling power input	W	2000(300~2500)
Heating Capacity	BTU	25200(6100-26600)
Heating power input	W	1900(320~2200)
EER	BTU/W	3.50/12.00
Indoor unit Dimension (WxHxD)	mm	830x830x230
Indoor unit Packing (WxHxD)	mm	925x925x230
Indoor panel Dimension(WxHxD)	mm	950x950x45
Indoor panel Packing(WxHxD)	mm	1030x1030x90
Outdoor unit Dimension (WxHxD)	mm	900x700x337
Outdoor unit Packing (WxHxD)	mm	1006x755x418

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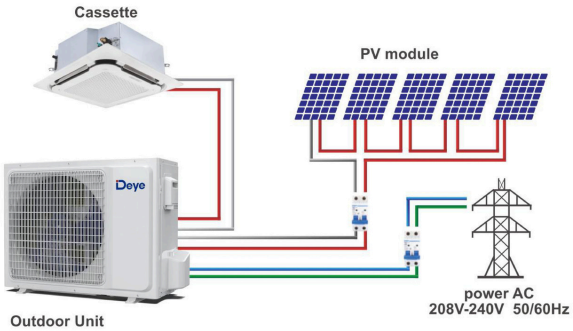
360° CoolSurround

Self-cleaning

One-click power limiting

Fresh Air



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Solar AC Duct

-Wired control
-Adjustable static pressure

Full DC Inverter tech

MPPT

Hybrid Solar

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ACDC R32

Items	Unit	24000BTU
Mode		DLMDWA1-ACDC-24KR2
Solar Power Voltage/ISC	V/A	150-380V/≤20A
Grid Power Voltage	V/Hz	208V~240V/50~60Hz
Cooling Capacity	BTU	23000(6100-25600)
Cooling power input	W	1820(300-2500)
Heating Capacity	BTU	25000(6100-26000)
Heating power input	W	1900(300-2100)
EER	BTU/W	3.70/12.60
Indoor unit Dimension (WxHxD)	mm	892x670x265
Indoor unit Packing (WxHxD)	mm	1065x815x330
Outdoor unit Dimension (WxHxD)	mm	900x700x337
Outdoor unit Packing (WxHxD)	mm	1006x755x418

ECOBATEnergy

Twin Rotary DC Compressor

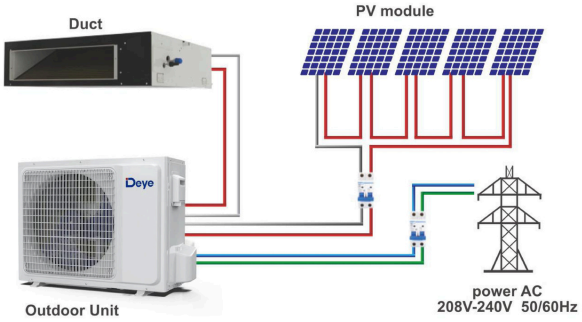
Brushless DC fan motor

Self-cleaning

Super quite

One-click power limiting

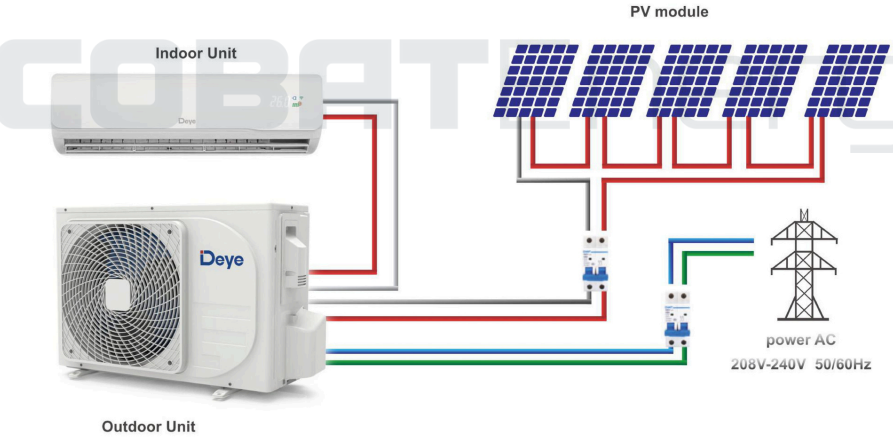
WIFI control



Technical Specifications

ACDC R32

Items	Unit	12000BTU
Mode	/	DCGWA21-ACDCBLW-12KR2
Solar Power Voltage/ISC	V/A	80~380V/≤14A
Grid Power Voltage	V/Hz	208V~240V/50~60Hz
Cooling Capacity	BTU	12000(2700-13500)
Cooling power input	W	980(150-1250)
EER	BTU/W	3.65/12.45
Indoor unit Dimension (WxHxD)	mm	840x205x295
Indoor unit Packing (WxHxD)	mm	920x290x360
Outdoor unit Dimension (WxHxD)	mm	802x564x323
Outdoor unit Packing (WxHxD)	mm	910x622x405



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Ideal for places with no power or power stability issues

Remote telecom stations

Island locations

Container houses

Boating

Key components

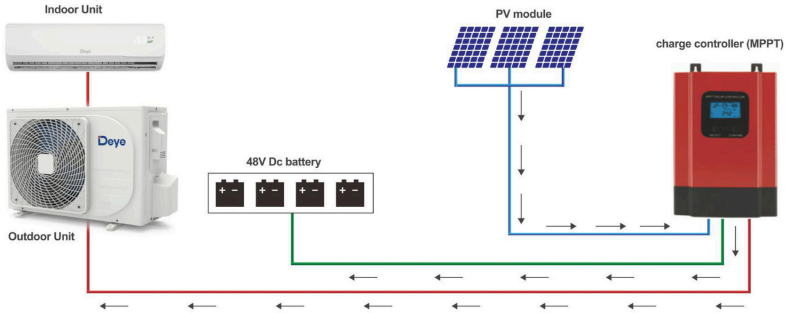
Brushless DC fan motor

Twin Rotary DC Compressor

Intelligent Grid Indicator

- Ultra-quiet operation as low as 16 DB
- Wide operation TEMP range -10℃~60℃
- 4D Air supply
- 30S fast cooling 60S rapid heating
- Golden fin
- Rs485 Communication

OFF- grid AC-DC 48V operation diagram



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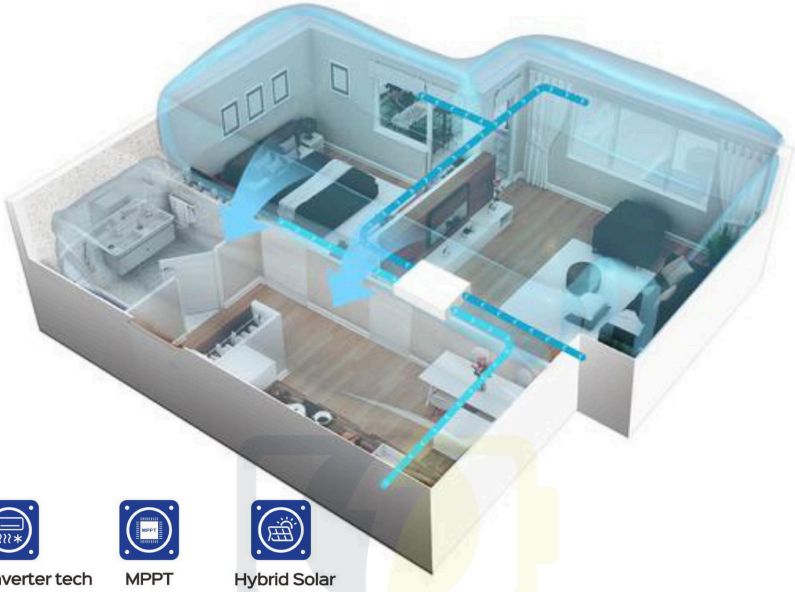

Full DC Inverter tech | MPPT | Hybrid Solar

Multi Split Air Conditioning System

CB CE Intertek

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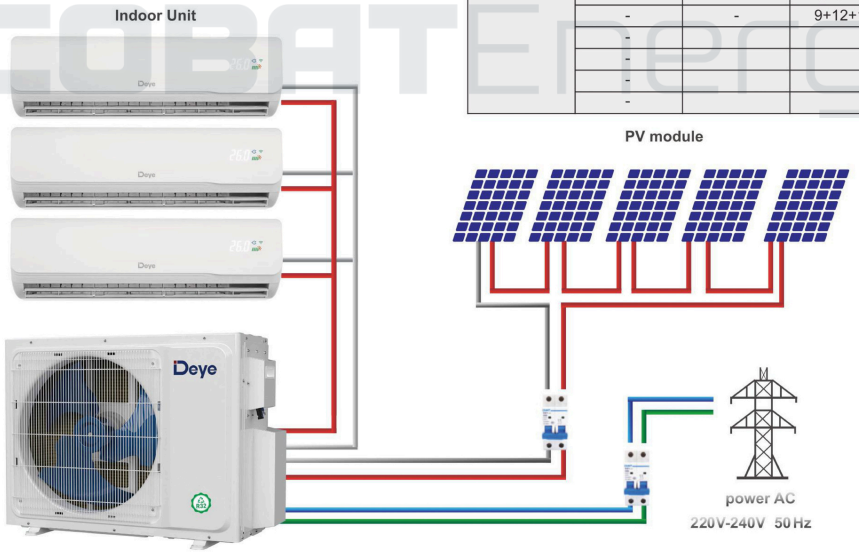
Technical Specifications

ACDC R32

Items	Unit	9K	12K	18K	27K Outdoor Unit
Mode	/	DMGA1-ACDC-09KR2	DMGA1-ACDC-12KR2	DMGA2-ACDC-18KR2	DW3B1-ACDC-27KR2
Solar Power Voltage	V	80~380	80~380	80-380	80-380
Grid Power Voltage	V/Hz	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz	220V~240V/50Hz
Cooling Capacity (T1)	BTU	9000	12000	17100	27000
Cooling power input (T1)	W	2640	3520	5010	7900
Heating Capacity	BTU	9550	12300	17550	28000
Heating power input	W	2800	3600	5140	8200
Indoor unit Packing(WxHxD)	mm	840x205x295	840x205x295	840x205x295	888x318x700
Outdoor unit Packing (WxHxD)	mm	920x290x360	920x290x360	920x290x360	1006x418x755

27K	Suggested combination		
	1 indoor	2 indoor	3 indoor
1 drive 3	18k	9+9	
		9+12	
		9+18	
		12+12	
	-	12+18	9+9+9
	-	-	9+9+12
	-	-	9+12+12
	-		
	-		
	-		
	-		



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Solar Air Source Floor Console Heat Pump

- High-efficiency compressor
- Stable heating at -25°C
- Full DC inverter technology
- Quick cooling and heating
- Low noise design
- ECO mode
- Automatic cleaning
- Powerful dehumidification
- Drying and anti-mildew
- Intelligent defrosting
- Smart sleep
- Cold wind prevention design

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Powerful Heating Capacity

The lower the temperature, the greater the user's demand for heat. Ordinary heating units have reduced heat output and significant attenuation. The fully DC inverter air-source heat pump heater uses a vapor-injected variable frequency compressor, ensuring no heat attenuation at -25°C, perfectly meeting user needs.

Ultra-Low Operating Temperature

The fully DC inverter air-source heat pump heater uses ultra-low temperature units, capable of stable operation in environments as low as -25°C. The operating limit for air-source heat pump heating has been set even lower, making it widely suitable for heating in regions such as North China, Central China, Northwest China, and East China.

Long Continuous Heating Time, Uninterrupted Warmth

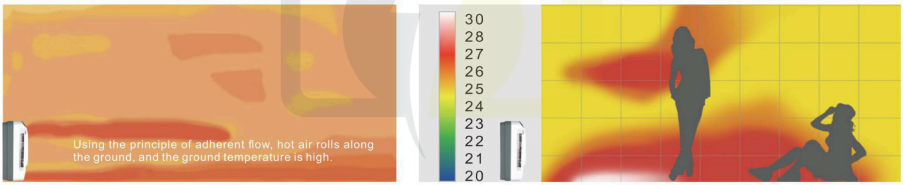
With a long continuous heating time, it can provide uninterrupted warmth for 6 hours without defrosting at an outdoor temperature of -15°C and 75% relative humidity. Intelligent defrosting ensures no noticeable temperature fluctuations, offering a comfortable heating experience.

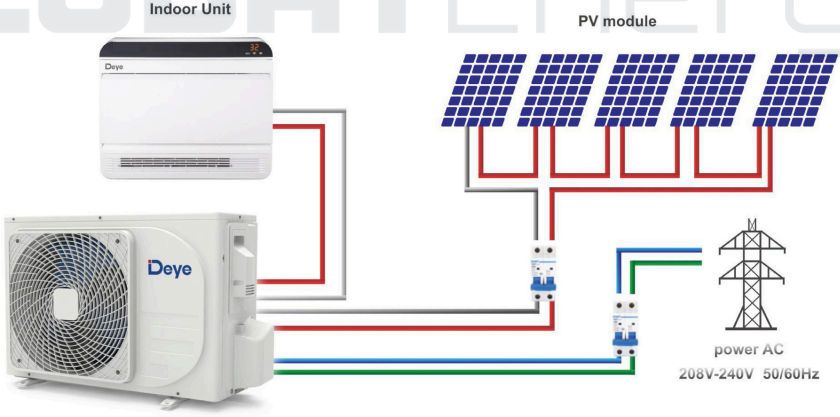
Instant Heating, Rapid Temperature Rise

The unit starts with high-frequency heating for rapid temperature rise. It can be turned on and off as needed. When the outdoor temperature is 2°C and the indoor temperature is 10°C, the temperature at 10cm above the floor in the center of the room can reach over 20°C within six minutes of operation. When the outdoor temperature is -15°C and the indoor temperature is 6°C, the temperature at 10cm above the floor in the center of the room can reach over 20°C within fifteen minutes of operation.

Safe and Eco-Friendly

R410a New Eco-Friendly Refrigerant: Uses efficient R410a eco-friendly refrigerant, which does not harm the ozone layer, promoting a low-carbon lifestyle.
Safe and Reliable: The humanized design of the air outlet baffle effectively reduces significant safety hazards. It effectively avoids risks such as electric leakage, fire hazards, exhaust emissions, accidental burns, and gas poisoning.





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ECOBAT ENERGY - IMPORTATOR DIRECT

AVANTAJE EXCLUSIVISTE INSTALATORI & REVÂNZĂTORI B2B

Prețuri dedicate
Pentru Instalatori & Revânzători

Stoc permanent în România

Livrare imediată
24 - 48 ore

ECOBATEnergy

01 Prețuri dedicate

Pentru **Instalatori** & **Revânzători**

Punem accent pe parteneriatele noastre și recunoaștem rolul vital pe care îl jucați în industria energiei solare.

De aceea, oferim prețuri dedicate și competitive pentru instalatori și revânzători.

Aveți avantajul de a obține produsele noastre la costuri atractive, ceea ce vă permite să maximizați profitabilitatea și să oferiți prețuri competitive clienților dumneavoastră.

Suntem aici să creștem împreună.

ECOBATEnergy

02 Stoc permanent

Stoc permanent în România

Avem un stoc amplu de echipamente fotovoltaice în depozitul nostru din România.

Acest lucru ne permite să vă oferim posibilitatea de a ridica produsele imediat după comandă.

Nu trebuie să vă faceți griji cu privire la disponibilitatea sau întârzierile în livrare.

Suntem aici pentru a vă asigura că aveți acces rapid la echipamentele necesare pentru proiectele dvs.

ECOBATEnergy

03

Livrare imediată

Livrare în **24-48 de ore**
oriunde în România

Înțelegem importanța unei livrări rapide și eficiente, într-o piață din ce în ce mai concurențială.

Cunoaștem urgența cu care utilizatorul final își dorește să definitiveze proiectul.

Colaborând cu Ecobat Energy, beneficiați de livrarea comenzilor dvs. în termen de 24-48 de ore, indiferent de locația din România.

Ne angajăm să vă furnizăm produsele la timp, astfel încât să puteți continua proiectele în mod eficient.

ECOBATEnergy

Ești instalator sau revânzător de echipamente fotovoltaice?

Devino partener B2B EcobatEnergy și beneficiază acum de toate avantajele exclusive.

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