



PHOTOVOLTAIC CARPORT SERIES

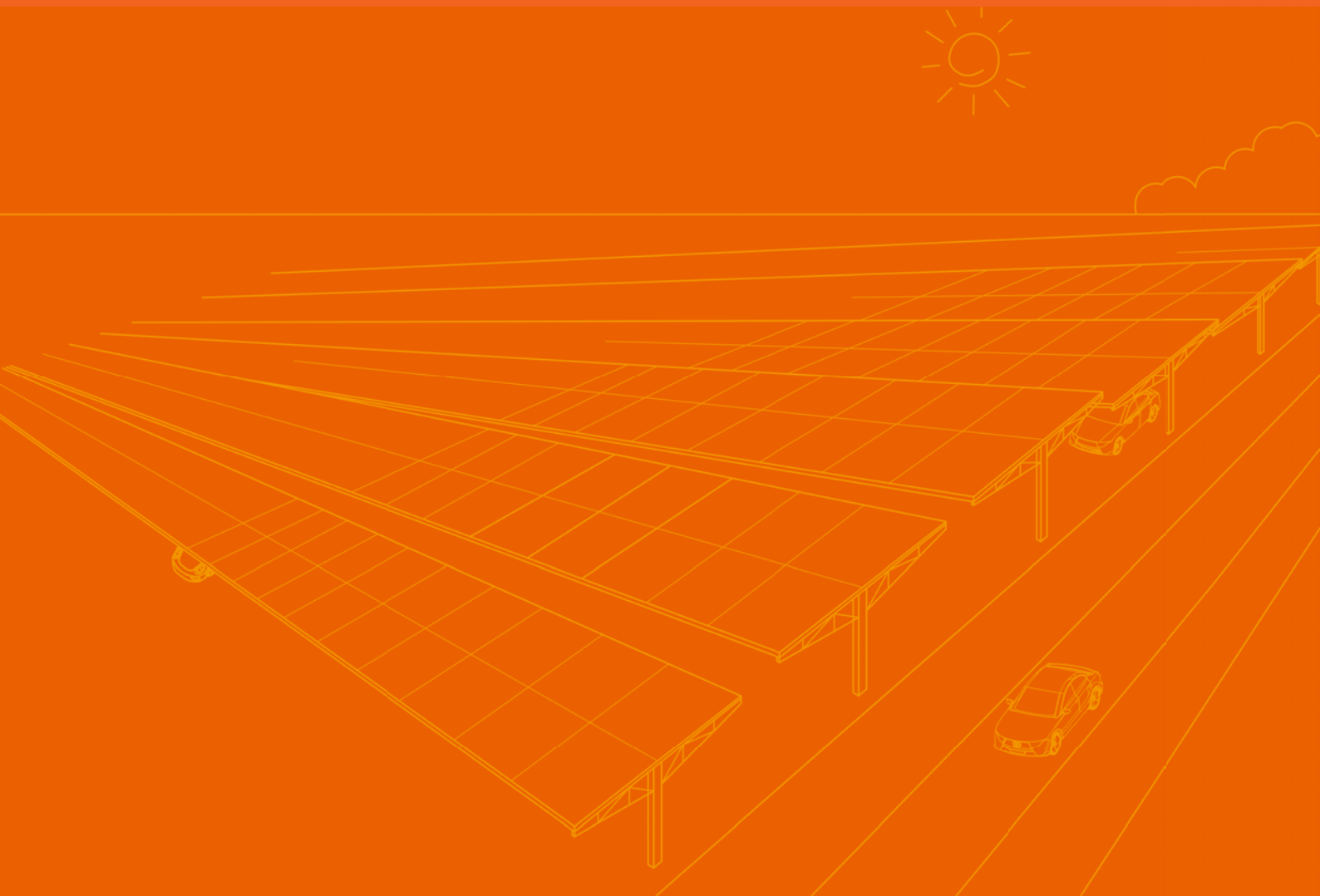
Safety expert in solar bracket



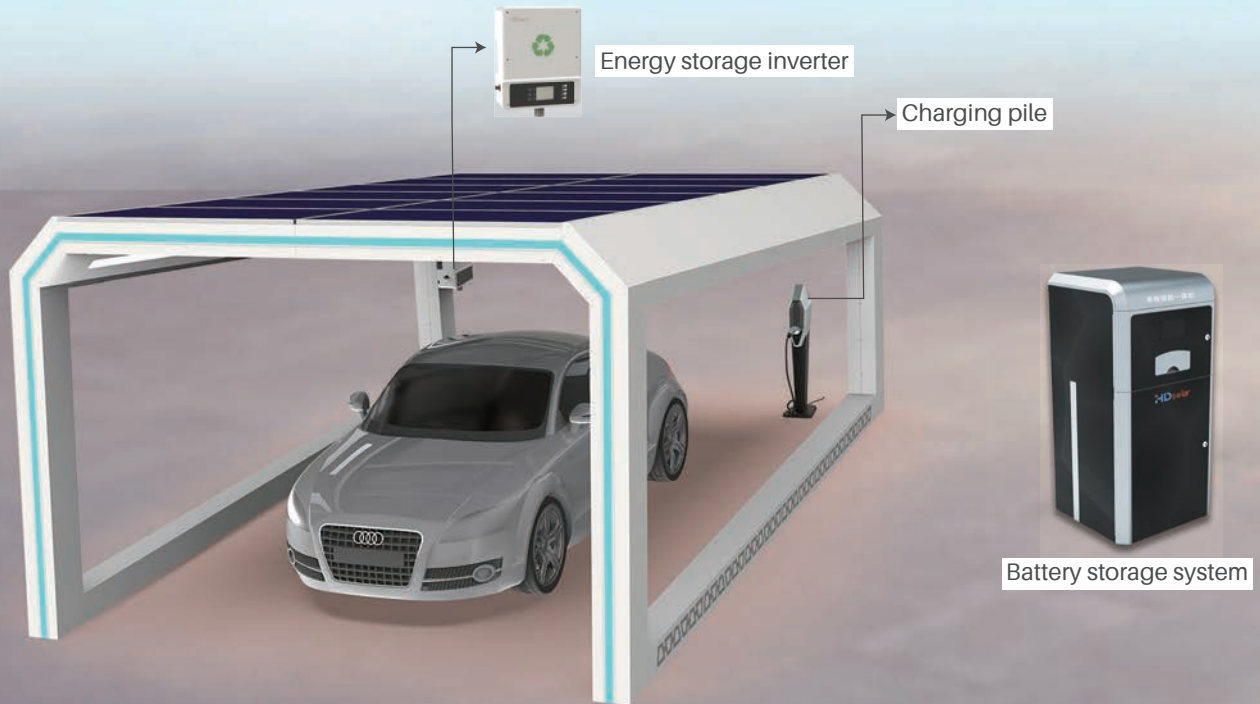
SOLAR SERVE ANYTIME, ANYWHERE

Industrial, commercial and household photovoltaic carport

The perfect combination of photovoltaic power generation and carport is one of the application of BIPV photovoltaic building integration. Huading HD-Car photovoltaic carport products can not only realize all the functions of traditional carports, but also bring steady green power generation benefits to the owners, achieving the multifunctional and environmental goal. Using high-strength lightweight aluminum alloy and steel structural materials, with professional industrial design, simple, elegant, beautiful, and fashionable, it'll create a new sunny image for the owners.



Household photovoltaic carport



Features:

1 BIPV design concept

The integrated design of light, storage and charging has both power generation and waterproof functions.

2 Intelligent control

APP system information monitoring, multiple working modes and electric intelligent management.

3 Professional customized service

Choose from four installation modes, meet needs from different customers.

4 Safe and stable

Professional mechanics calculation and special software pre-simulate operation to ensure the stability and safety of the system.

5 Cost-effective

The modular design of the system makes it easy and quick to install and save construction costs.

6 Reliable and durable

Choose high-quality materials and superb surface treatment technology to ensure the weather-ability and corrosion resistance of the product.

7 Aesthetic Modelling

Fashionable, concise and elegant design concept, a variety of styles meet the individual needs of users.

8 Personalized customization

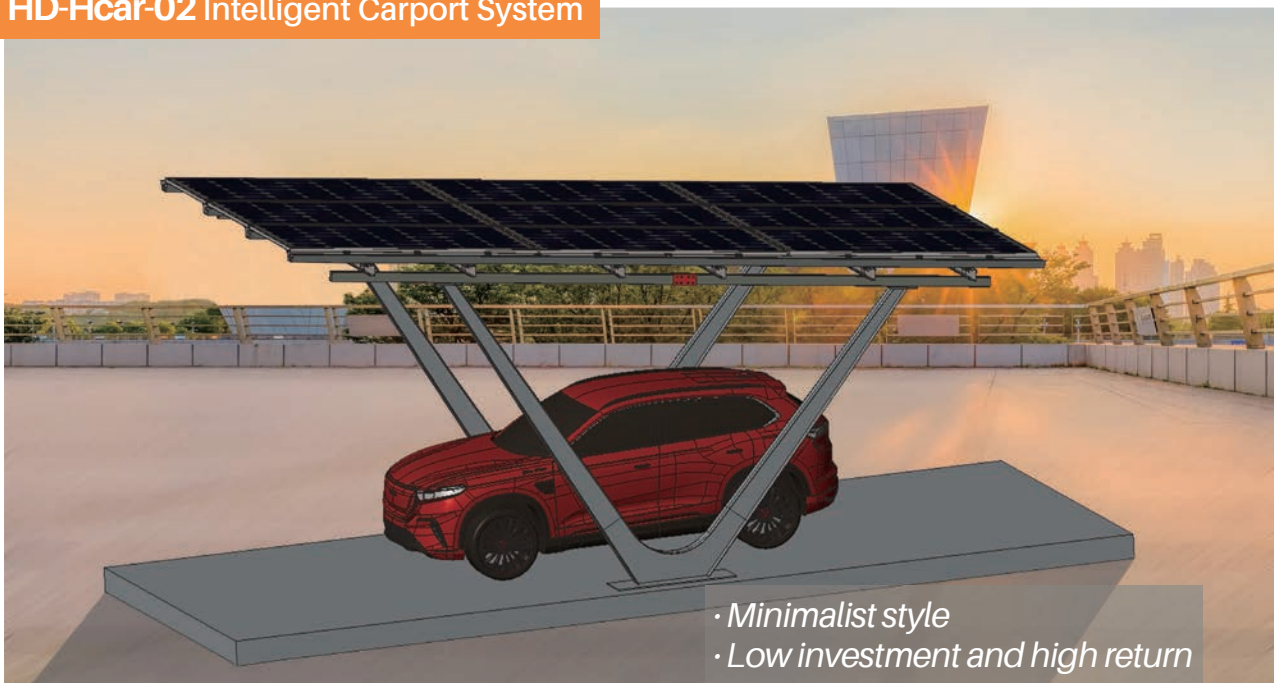
Special customized design according to customer needs.

Product
Industrial and Commercial Photovoltaic Carport

HD-Hcar-01 Intelligent Carport System



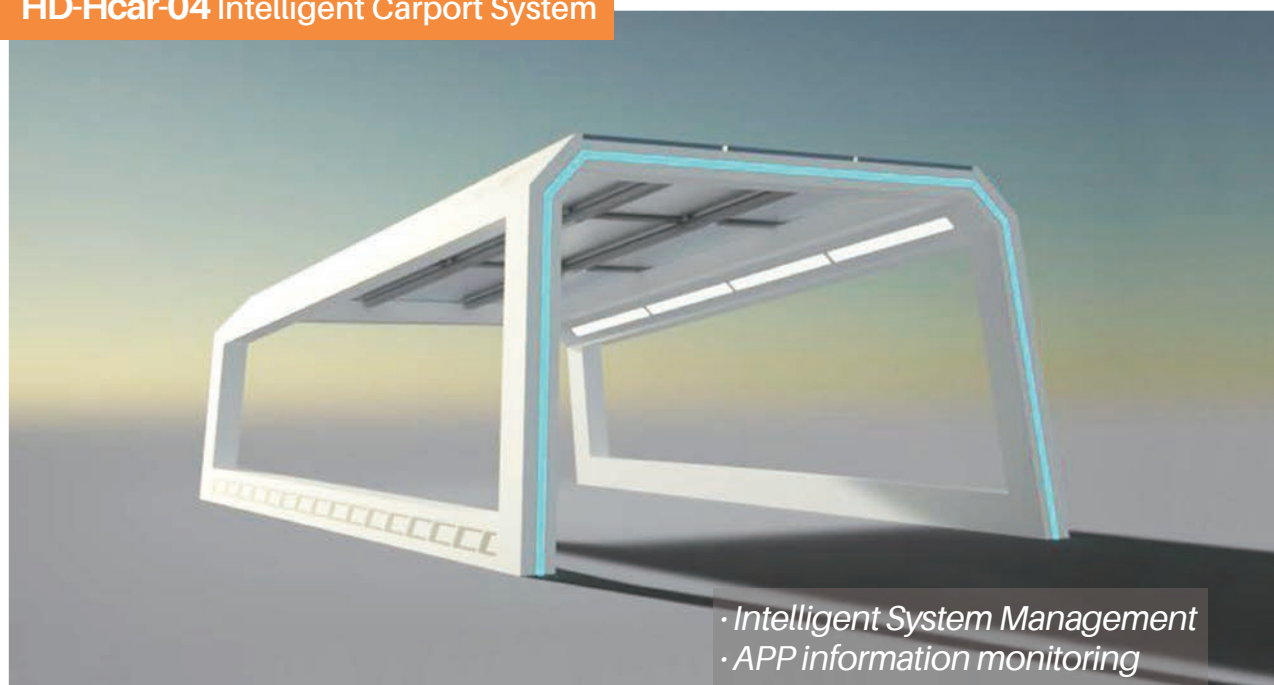
HD-Hcar-02 Intelligent Carport System



HD-Hcar-03 Intelligent Carport System



HD-Hcar-04 Intelligent Carport System



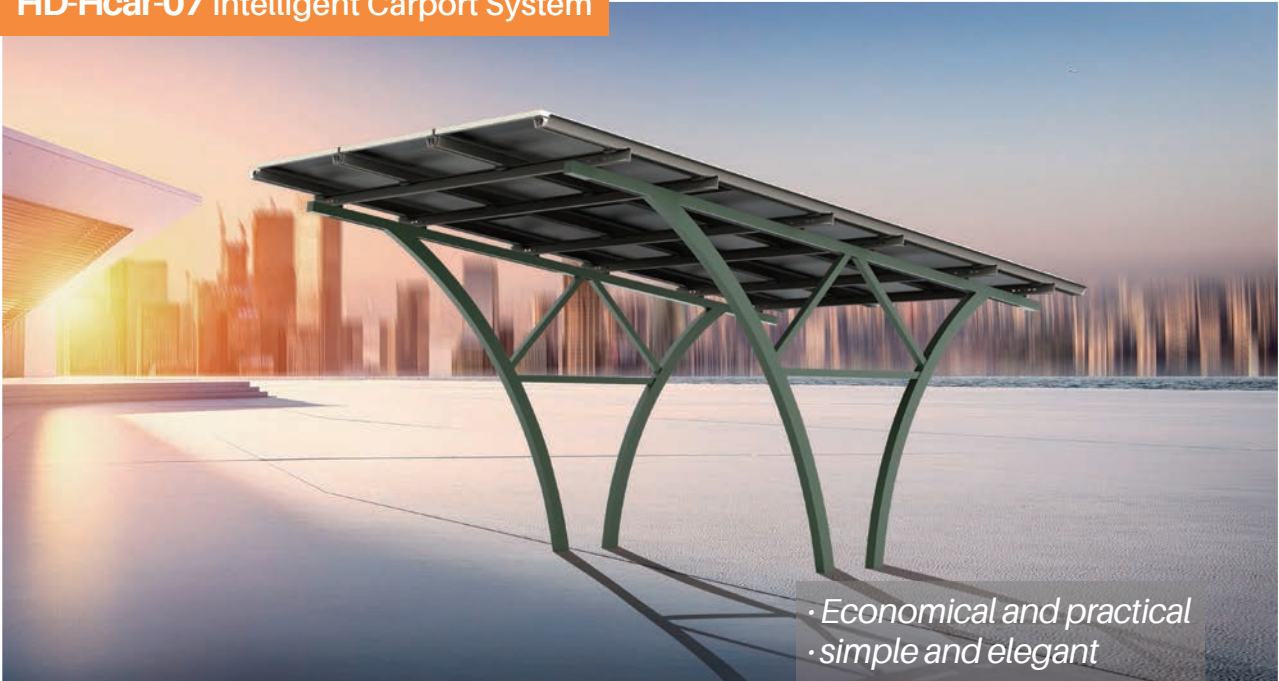
HD-Hcar-05 Intelligent Carport System



HD-Hcar-06 Intelligent Carport System

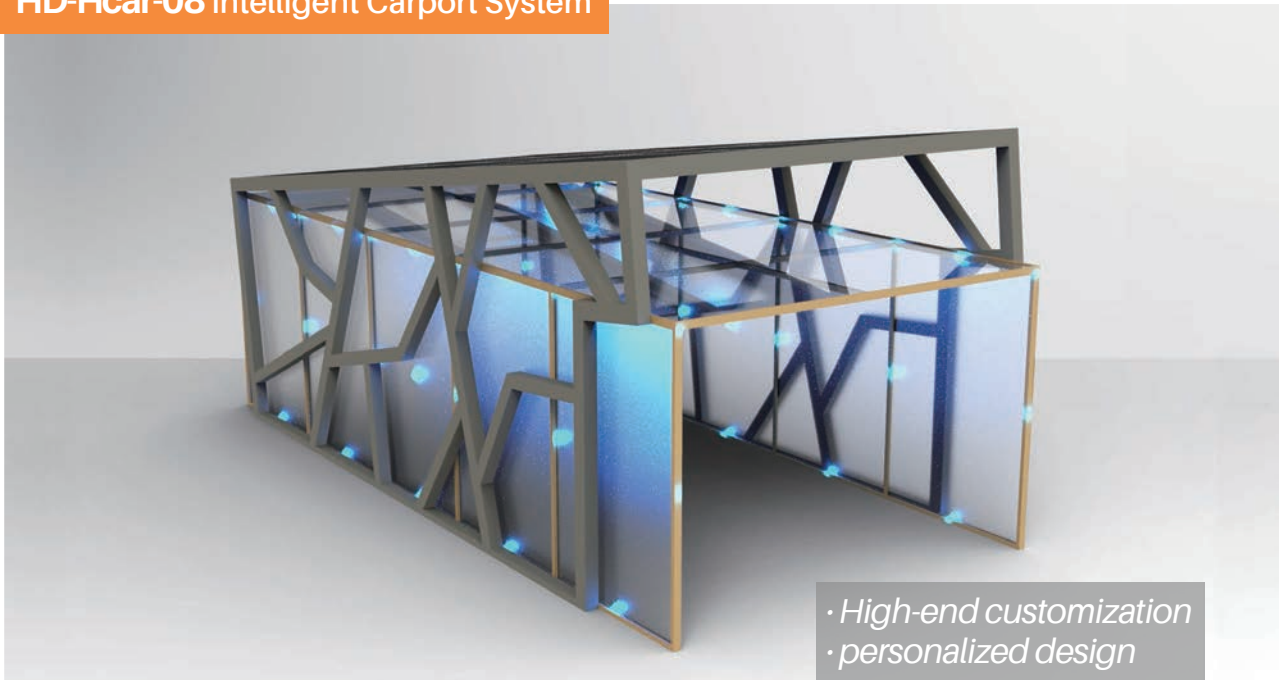


HD-Hcar-07 Intelligent Carport System



- Economical and practical
- simple and elegant

HD-Hcar-08 Intelligent Carport System



- High-end customization
- personalized design

HD-Hcar-09 Intelligent Carport System



Residential carport **Parameter:**

Structure Parameters	
Number of parking spaces	1
	2
	Customize
Installation area	3*6
	4*6
	5*6
	6*6
	Customize
Carport material	Aluminum alloy
	Carbon steel
Installation angle	0~30°
Waterproof design	Waterproof
	Not waterproof
Windproof grade	30m/s
	40m/s
	50m/s
Snow load	1.4KN/m ²
Ground clearance	≥2.5m
Surface treatment	Hot-dip galvanizing painting/anodizing/...

Electrical Parameters			
Power distribution method	Off-grid energy storage		
	On-grid		
	On-grid energy storage		
	On/off grid energy storage		
Total power	Consistent with the area		
Out put voltage	220V		
	380V		
	Other		
Energy storage capacity	Need <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>Lithium battery</td> </tr> <tr> <td>VRLA battery</td> </tr> </table>	Lithium battery	VRLA battery
	Lithium battery		
	VRLA battery		
No need			
Customize			
Battery type	Lithium battery		
	VRLA battery		
Charging pile	Need <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>AC</td> </tr> <tr> <td>DC</td> </tr> </table>	AC	DC
	AC		
	DC		
No need			
Others			
Warranty	10 years		



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