



PHOTOVOLTAIC CARPORT SERIES

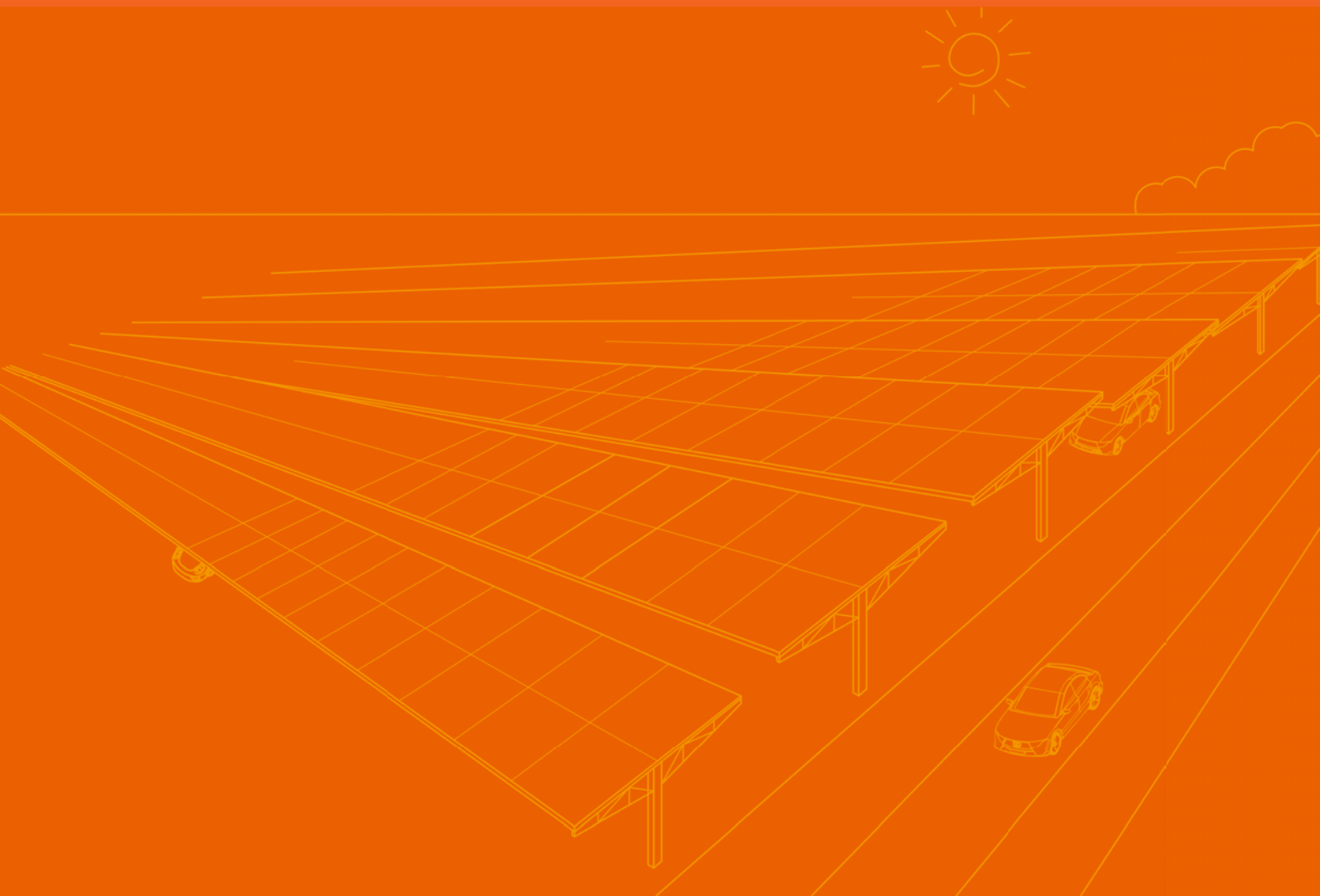
Safety expert in solar bracket



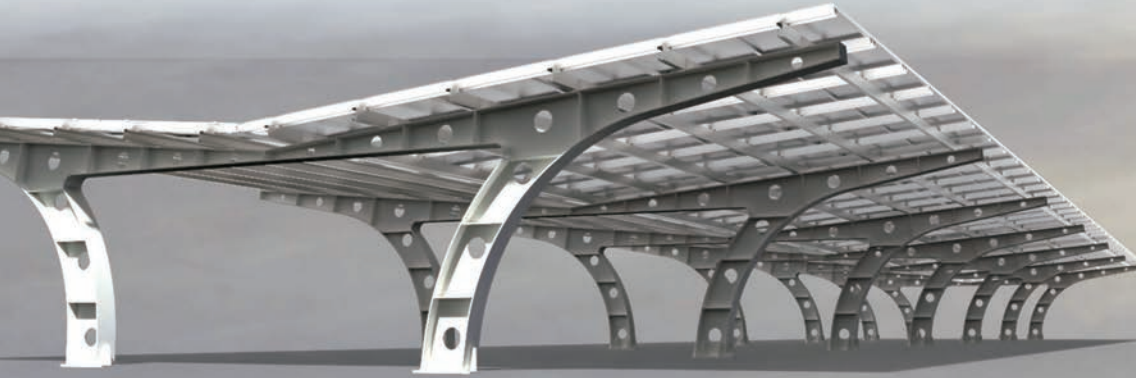
SOLAR SERVE ANYTIME, ANYWHERE

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.



Industrial and commercial photovoltaic carport



Charging pile



Battery storage system

Features:

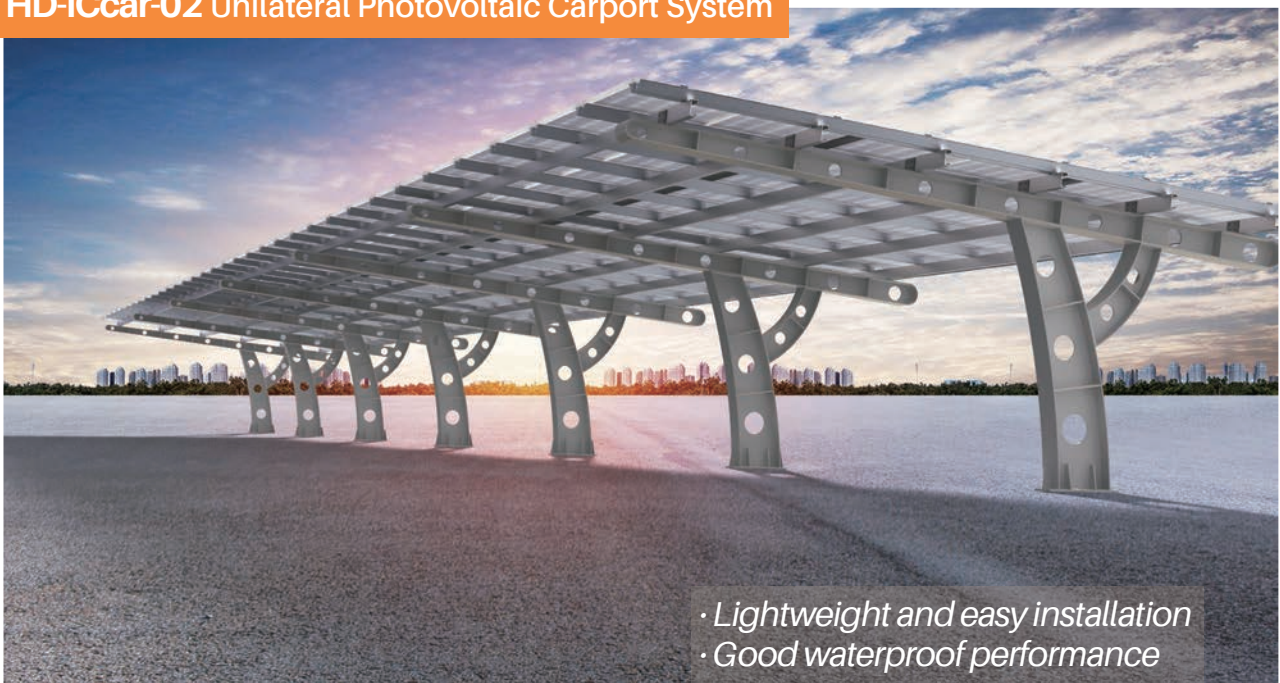
- 1 Efficient power generation**
Efficient photovoltaic system design to ensure high output.
- 2 Strong compatibility**
The carport photovoltaic system can be on/off grid, connected to a micro-grid system, combined with charging piles, etc.
- 3 Anti-leakage design**
It adopts structural waterproof design with good waterproof performance.
- 4 Easy to install**
The system is modular design with fewer components, and lightweight, easy to construct and install, reducing costs.
- 5 Reliable and durable**
Surface oxidized aluminum alloy, surface hot-dip galvanized steel materials ensure excellent anti-corrosion performance of components.
- 6 Stable and safe**
Professional mechanics calculation and special software pre-simulate operation to ensure the stability and safety of the system.
- 7 Wide application**
Factory fields, business fields, parking lots, campuses, hospitals, residential quarters, etc. can be installed and used.
- 8 Modeling diversity**
The appearance is beautiful, simple, and atmospheric, and a variety of styles meet individual requirements.
- 9 Personalized customization**
Special customized design according to customer needs.

Product
Industrial and Commercial Photovoltaic Carport

HD-ICcar-01 Unilateral Photovoltaic Carport System



HD-ICcar-02 Unilateral Photovoltaic Carport System



HD-ICcar-03 Unilateral Photovoltaic Carport System



HD-ICcar-04 Unilateral Photovoltaic Carport System



HD-ICcar-05 Unilateral Photovoltaic Carport System



HD-ICcar-06 Unilateral Photovoltaic Carport System



Industrial and commercial photovoltaic carport Parameter:

Structure Parameters	
Number of parking spaces	Customize
Installation area	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 pressure	1.4KN/m ²
Ground clearance	≥2.2m
Model	Serial number
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	Customize		
Output voltage	220V		
	380V		
	Other		
Energy storage capacity	Need	Lithium battery	
		VRLA battery	
	No need		
	Customize		
Charging pile	Need	AC	Quantity
		DC	
Others			
Warranty	10 years		





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