

# INTEGRATED CARPORT

## MAIN STRUCTURE MATERIAL

HDG/ZAM

## ACCESSORIES MATERIAL

Aluminum and Stainless steel

## ARRAY ARRANGEMENT

Single row mono-pitch/  
Double row mono-pitch/  
Double row duo-pitch

## WARRANTY

10 Yr Warranty, 25 Yr Life-span

## MODULE TILT RANGE

0~60

## GROUND CLEARANCE

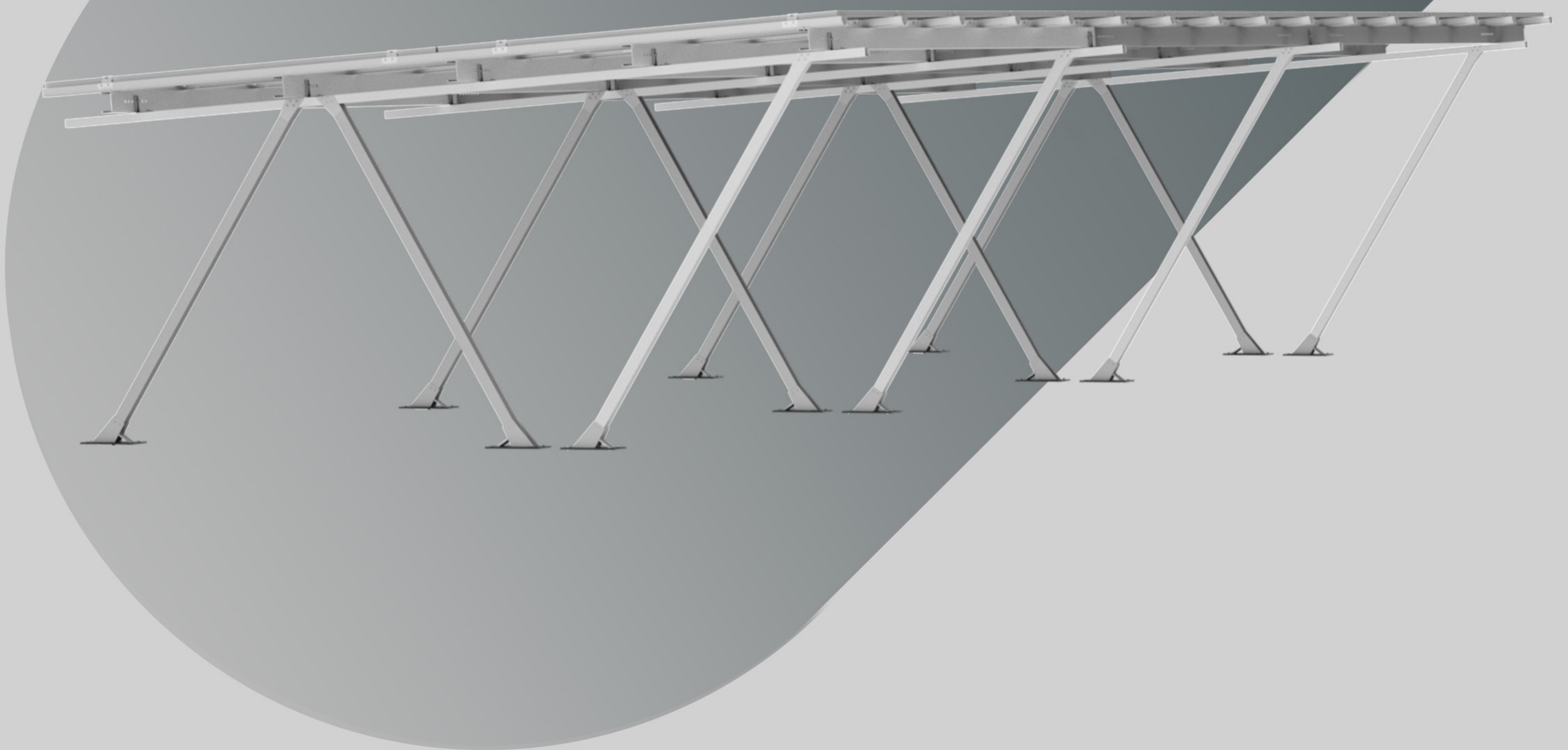
From 2.2m

## PIER SPACING

2.5m ~ 7.5m

## COLUMN FORM

π - frame / Y - frame  
T - frame / V - frame



## SPACE UTILIZATION

Carport systems combine minimum ground footprint with lightweight construction and a framework that allows unhindered opening of car doors. Vertical posts are positioned up to 7.5m apart with a typical 3-bay span.

## ADDITIONAL OPTIONS

- # Powder coat finish
- # Cable management
- # Guttering management
- # Energy storage and EV charging

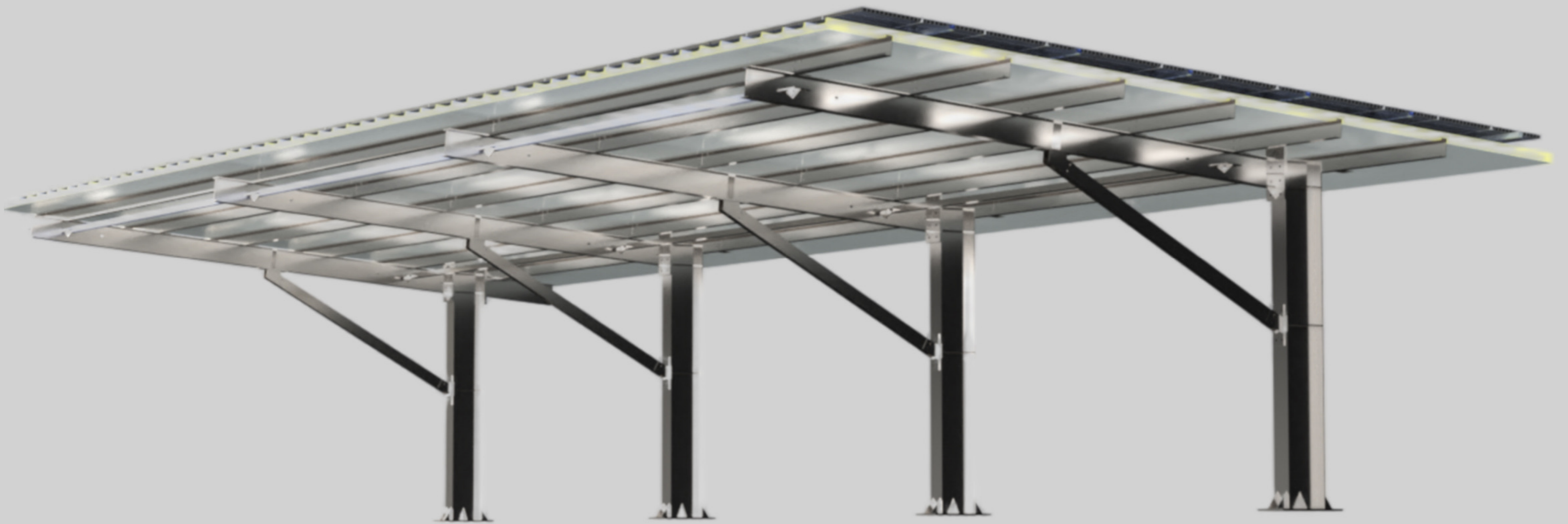
## APPLICATION SCENARIOS

The perfect combination of photovoltaic power generation and carport is one of the applications of BIPV photovoltaic building integration. Through different column design forms, we provide a carport design appearance that adapts to various scenarios.

## KEY FEATURES

- # Rugged construction
- # Flexible architecture
- # CE certified
- # 25-year life-span

## Single Post PV Carport System



### ● Structural Parameters

System Type	Single Post PV Carport System
Angle	0°~ 30°
Ground Clearance	≥2 m
Wind Speed	0~50 m/s
Snow Load	0~1.5 kN /m <sup>2</sup>
Module Type	Compatible with all modules
Foundation Type	Drive-in piles / CIP / PHC
Structure Material	HDG/ZAM/Pre-Galvanized
Weight per Watt	100~200 g/w
Parking Space	5500 (L) x 2600 (W)
Array Type	2 x N / 3 x N
Waterproof Design	Optional

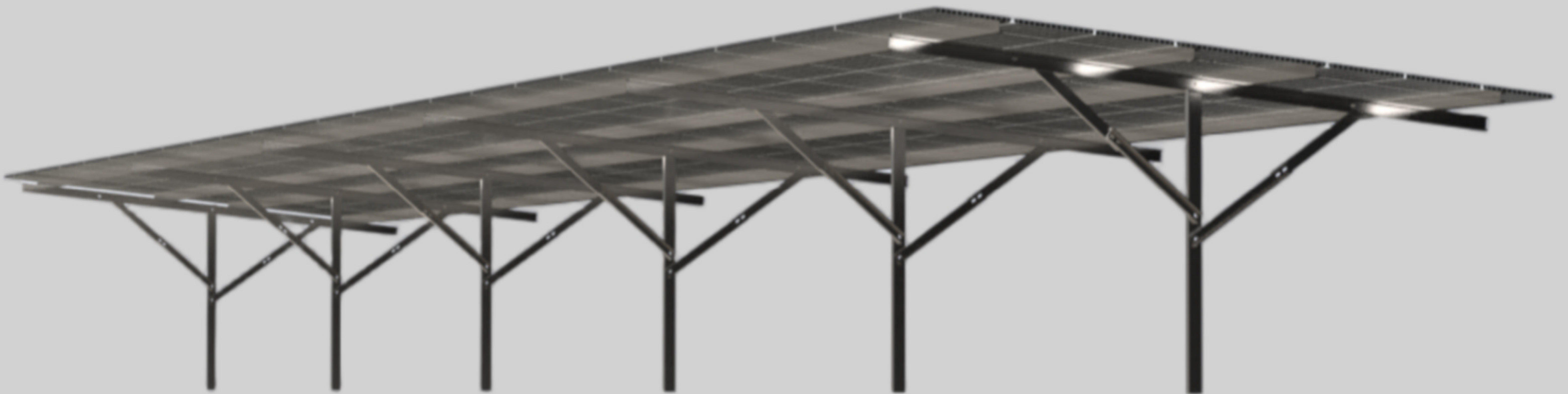
## Double Post PV Carport System



### ● Structural Parameters

System Type	Double Post PV Carport System
Angle	0°~ 30°
Ground Clearance	≥2 m
Wind Speed	0~50 m/s
Snow Load	0~1.5 kN /m <sup>2</sup>
Module Type	Compatible with all modules
Foundation Type	Drive-in piles / CIP / PHC
Structure Material	HDG/ZAM/Pre-Galvanized
Weight per Watt	100~200 g/w
Parking Space	5500 (L) x 2600 (W)
Array Type	2 x N / 3 x N
Waterproof Design	Optional

## Y-type Post PV Carport System



### ● Structural Parameters

System Type	Y-type Post PV Carport System
Angle	0°~ 30°
Ground Clearance	≥2 m
Wind Speed	0~50 m/s
Snow Load	0~1.5 kN /m <sup>2</sup>
Module Type	Compatible with all modules
Foundation Type	Drive-in piles / CIP / PHC
Structure Material	HDG/ZAM/Pre-Galvanized
Weight per Watt	100~200 g/w
Parking Space	5500 (L) x 2600 (W)
Array Type	2 x N / 3 x N
Waterproof Design	Optional

Algeria  
5.63MW



Bahrain  
1.17MW



Italy  
1.88MW

