



EcoGreenEnergy



Resistance to light, oxygen, moisture, heat corrosion



Warranty: 10 years



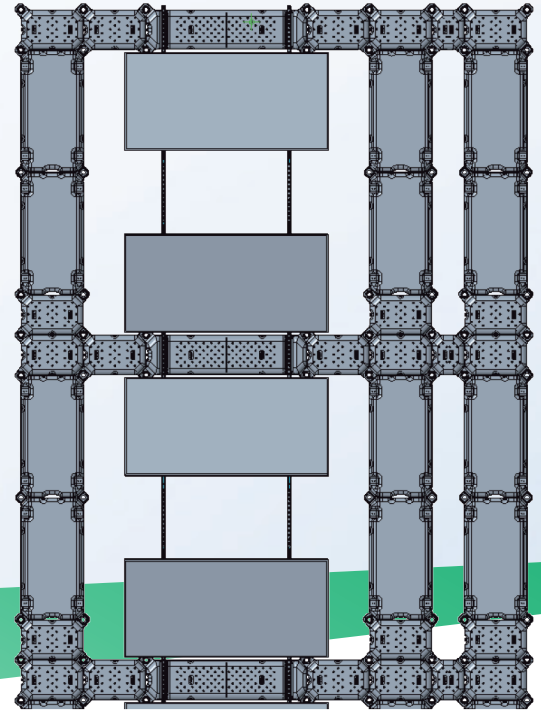
Antiseep - hydrolysis resistant



Scratch proof, anti-slip



Eco-friendly materials BC008 Certified



Neptune Floating PV

Advanced Floating Solar System for Large-Scale Installations

Neptune Floating PV is a state-of-the-art floating solar system for large-scale civil and commercial installations.

Built with high-density polyethylene (HDPE), it offers exceptional resistance to environmental stressors such as UV radiation, acid, alkali, and salt corrosion.

It consists of floaters and brackets. The floater is made of high-density polyethylene (HDPE), which is insoluble in organic solvents and resistant to acid, alkali, and salt corrosion.

Enhanced Performance:

- Optimized tilt angles for maximum energy generation.
- Wind/wave resistance tested up to 60 m/s wind speed & extreme wave condition

Durability & Longevity:

- High-density polyethylene (HDPE)
- 10-year warranty with a design life of 25 years
- Food-grade, eco-friendly materials (BS6920 certified)

Electrical Support:

- Inverter & Booster floating platforms for easy electrical integration.
- Customized wiring schemes for various cable specifications.

Cost-Effective:

- Reduced land usage costs by utilizing water surfaces.
- Lower O&M costs due to easy access & modular design.
- one-stop solution from design to installation.

Certifications



Mooring System

Anchor: Supporting Floating PV system

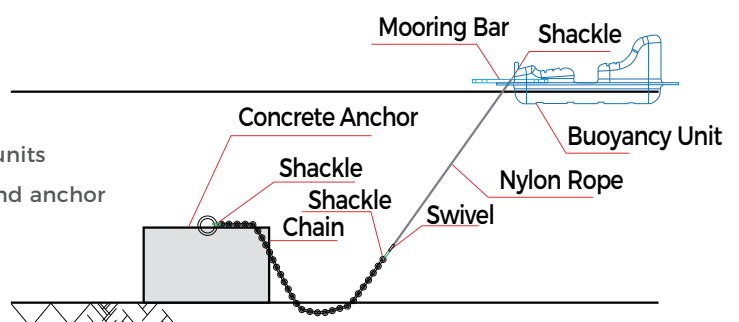
Mooring Bar: Dispersing heavy weight concentrating floating units

Nylon rope: Supporting system by connection floating units and anchor

Chain: Prevention for damage of mooring line

Shackle: Connection component of mooring bar and line

Swivel: Prevention for twisting of mooring line



PV MODULES COMPATIBLES



Atlas TOPCon N-type Series



Module	Power output (Pmax)	Dimensions	Weight	Maximum Efficiency
Atlas TOPCon 435-455W(GM10)	455 W	1722x1134x30 mm	24.8 kg	23.30 %
Atlas TOPCon 485-505W(GM10)	505 W	1908x1134x30 mm	27.5 kg	23.34 %
Atlas TOPCon 535-555W(GM10)	555 W	2094x1134x30 mm	30.3 kg	23.37 %
Atlas TOPCon 585-605W(GM10)	605 W	2278x1134x30 mm	33.0 kg	23.42 %
Atlas TOPCon 635-655W(GM10)	655 W	2465x1134x35 mm	35.8 kg	23.43 %



Atlas TOPCon-R N-type Series



Module	Power output (Pmax)	Dimensions	Weight	Maximum Efficiency
Atlas TOPCon-R 450-470W(GM10)	470 W	1762x1134x30 mm	25.4 kg	23.52 %
Atlas TOPCon-R 500-525W(GM10)	525 W	1961x1134x30 mm	28.0 kg	23.62 %
Atlas TOPCon-R 565-585W(GM10)	585 W	2172x1134x30 mm	31.5 kg	23.75 %
Atlas TOPCon-R 620-640W(GM10)	640 W	2382x1134x30 mm	34.7 kg	23.69 %



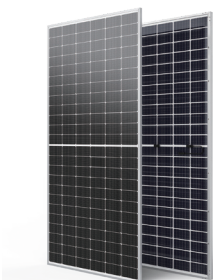
Atlas PRO TOPCon N-type Series



Module	Power output (Pmax)	Dimensions	Weight	Maximum Efficiency
Atlas PRO TOPCon 715-735W(GM12)	735 W	2384x1303x33 mm	38.7 kg	23.66 %

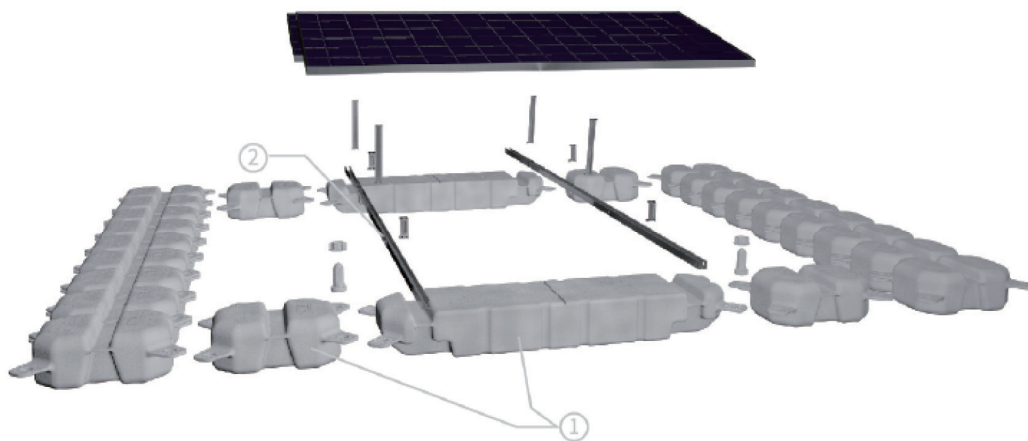


Atlas PERC P-type Series



Module	Power output (Pmax)	Dimensions	Weight	Maximum Efficiency
Atlas P-type 395-415W(GM10)	415 W	1722x1134x30 mm	24.8 kg	21.23 %
Atlas P-type 440-460W(GM10)	460 W	1910x1134x30 mm	27.5 kg	21.24 %
Atlas P-type 485-505W(GM10)	505 W	2094x1134x30 mm	30.3 kg	21.27 %
Atlas P-type 535-555W(GM10)	555 W	2279x1134x30 mm	33.0 kg	21.48 %
Atlas P-type 580-600W(GM10)	600 W	2465x1134x35 mm	35.5 kg	21.47 %

Neptune Floating PV



No.	Item	Function	Temperature Resistance	Material
1	Walkway float	Support,operation and maintenance channel	-70-85°C	HDPE
2	Steels rail	Panel fixed		

Accessories List			
Long walkway float (1800)	Short walkway float (700)	Equipment float (1370)	PE bolt and nut
C-Formed	Front bracket	Back bracket	C-Formed connector
M8*25 Hexagon Bolt Assembly 1	M8*25 Hexagon Bolt Assembly 2	M10*25 Hexagon Bolt Assembly	M8 Plastic wing nut
D-shackle	W-E Spreader bar	Steel wire rope	

