



FLOATING PV SYSTEM



Key Features

- Modular structure ^[1]
- Robustness: Tested to resist wind speeds up to 180 km/h
- Easy access to all system components
 - Raft design optimised for transportation and assembly
 - Easy to assemble and launch
 - Moored into place with durable materials ^[2]
 - Performance gain up to 10 to 20% versus ground-mounted systems
 - Reduction of water evaporation by up to 80%
 - Compatible with reservoirs designated for drinking water

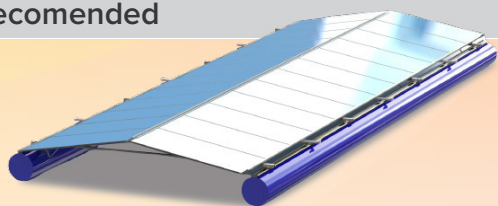
^[1] The structure design can be customized with additional functions: tracking system, cooling system

^[2] Customized mooring solution available depending on the project characteristics, depending on the water depth and level variations

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TECHNICAL DATA – SINGLE ORIENTATION

PV modules tilt	10°	15°
Number of PV modules per RAFT	18	16
Max wind speed	180	160
Free buoyancy	2,261	2,315
Raft dimensions	11,800 x 3,200 x 250 mm	
	11,800 x 4,000 x 250 mm	
Floating pipes material	HDPE – UV resistant	
Base structure material	Hot-dip galvanized steel (S235-JR)	
Regulatory compliances	EN ISO 1461:2009 – BS5493/1977 – EN 12666	
Life expectancy	25 years	
Shipping	2 containers for 100kWp system	
Warranty	15 years (20 years optional)	
Recomended	10°	



* for a latitude up to 38°

TECHNICAL DATA – DOUBLE ORIENTATION

	5°	10°	15°	20°	25°
PV modules slope					
Number of PV modules per base element*			24		
Max wind speed (km/h)			180		
Residual buoyancy (kg)			2,009		
Base-Raft dimensions (60 cells PV modules)			11,800 x 3,200 x 250 mm		
Base-Raft dimensions (72 cells PV modules)			11,800 x 4,000 x 250 mm		
Floating pipes material			HDPE – UV resistant		
Base structure material			Hot-dip galvanized steel (S235-JR)		
Regulatory compliances			EN ISO 1461:2009 – BS5493/1977 – EN 12666		
Life expectancy			25 years		
Shipping			2 containers for 100kWp system		
Warranty			15 years (20 years optional)		
Optional					

