

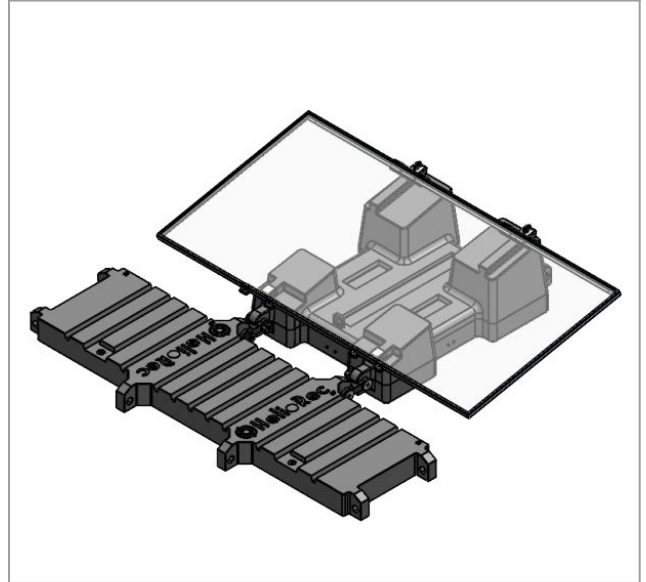
W200CM

Floating system for solar panels

GENERAL

Operating wave height	0~2 m
Operating wind speed	0~50 m/s
Operating air temperature	-40~+85°C
Operating water temperature	0~50°C
Max dimension of solar panel	1134 x 2300 mm
Junction box standard	IP68
Solar panel certification	Salt mist tested
Tilt angle	12°
Mooring design	Rope/Chain
Water saliently	0~300 ppt
Water pH	5~9
Buoyancy force	2700 N
Total weight	40 kg

DRAWING



MECHANICAL

Part	Size (mm x mm x mm)	Weight (kg)	Material
Floater	1424 x 1000 x 495	17	HDPE
Footpath big	2417 x 630 x 140	26	HDPE
Footpath small	1245 x 650 x 140	14	HDPE
Connector	200 x 100 x 65	0.4	EPDM
Nut	65 x 65 x 35	0.04	HDPE
Screw	150 x 39 x 60	0.17	HDPE
Filler	1172 x 973 x 50	1.7	Styrofoam
Bracket Front	237 x 127 x 40	0.28	Stainless steel
Bracket Rear	237 x 107 x 66	0.34	Stainless steel

CERTIFICATIONS & STANDARDS

Floating system	BV AiP Level I - DNV-RP-0584
Mooring design	NR 493 R03 - NI 604 R00 - NI 432 R01