[Features]

- Fully tempered, high-hardness glass: The glass on the surface of the solar panel features fully tempered glass with high hardness, high light transmittance, resistance to high temperatures, and deformation resistance. The outer layer of the solar glass laminated panel uses a high light transmittance glass protective cover.
- Complete IV curve cells: The main core is Grade A cells with ultra-high conversion rates, good low-light performance, and stable output performance.
- Anodized aluminum alloy frame: Tested for smoke and nitridation, ensuring a component lifespan of over 25 years.
- Used with CB, it can directly display the instant time power generation, voltage and current of solar energy.
- Protection level IP67: Equipped with standard photovoltaic cables and dedicated photovoltaic MC4 connectors, providing IP67 protection level, good heat dissipation, low loss, and long service life.

[Applications]

Applicable places: agricultural sensing, flood control sensing, air monitoring, water quality monitoring, water level monitoring, street light control, various sensing.

[Optional Code]

S Code 1 – Code 2

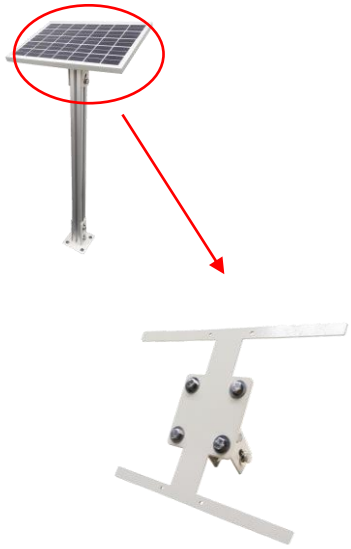
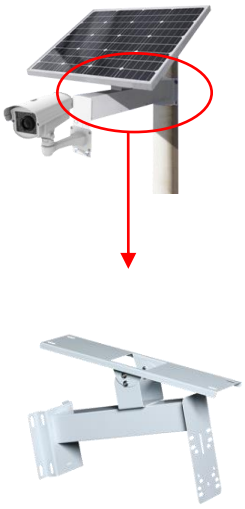
Code 1	Power/W	Code 1	Power/W	Code 1	Power/W
10	10W	50	50W	150	150W
30	30W	100	100W		
Code 2	Solar panel mounting bracket	Code 2	Solar panel mounting bracket	Code 2	Solar panel mounting bracket
A10	Aluminum extrusion (10W)	A30	Aluminum extrusion (30W)	W30	Wall hanging,light pole (30W)
W50	Wall hanging,light pole (50W)	G30	Landing pattern 10W/30W	G100	Landing pattern 50W/100W

[Solar Specifications]

Model	S10	S30	S50	S100	S150
Maximum power	10 (W)	30 (W)	50 (W)	100 (W)	150 (W)
Maximum operating current (Imp)	0.55 (A)	1.84 (A)	2.78 (A)	5.41 (A)	9.37 (A)
Maximum operating voltage (Vmp)	18 (V)	17.5 (V)	18 (V)	18.46 (V)	16 (V)
Open circuit voltage (Voc)	22.6 (V)	21.6 (V)	22.3 (V)	21.69 (V)	19.8 (V)
Short circuit current (Isc)	0.6 (A)	2 (A)	3.02 (A)	5.7 (A)	10.2 (A)
Overall dimensions (mm)	340 x 231 x 17	530 x 350 x 25	670 x 420 x 25	1015 x 515 x 30	1320x665x35
Reference weight	0.86(kg)	2(kg)	3.09(kg)	5.75(kg)	7.96(kg)
Certified product	CE				

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[Solar Panel Mounting Rack Specifications]

Model/Name	A10 / Aluminum extrusion (10W)	A30 Aluminum extrusion (30W)	W30 / Wall hanging, light pole (30W)
Icon			
Size	170(L)x230(W)x2.0(T)mm	360(L)x347(W)x2.0(T)mm	350 x 90mm
Material	Galvanized steel plate, surface painted	Galvanized steel plate, surface painted	Galvanized sheet surface painted
Weight	0.9Kg	1.0Kg	1.25Kg

Model/Name	W50 / Wall hanging, light pole (50W)	G30 / Landing pattern 10W/30W	G100 / Landing pattern 50W/100W
Icon		 Adjustable angle 30, 45, 60 degrees 	 Adjustable angle 30, 45, 60 degrees 
Size	670 x 90mm	200(L)x1.5(T)mm	400(L)x1.5(T)mm
Material	Galvanized sheet surface painted	304 stainless steel	304 stainless steel
Remarks	Bracket weight: 3.4 kg	Installation accessories: 304 stainless steel screws Weight: 0.5kg	Installation accessories: 304 stainless steel screws Weight: 1.5kg

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