



Picture			
Solar Panel	Bifacial 18V 45W	Bifacial 18V 45W	Bifacial 18V 160W
LED Power	15W	25W	50W*2
LED Efficiency	200lm/w	200lm/w	200lm/w
Lumen	3000lm	5000lm	20,000lm
Battery Capacity	216WH(12V/18AH)	300WH(12V/25AH)	1560AH(12V/130AH)
Last Time	Min 6 days	Min 5 days	Min 5 days
Charge duration	4.8 hours	6.67 hours	7.5hours
Water Proof	IP 66	IP 66	IP 66
Warranty	3 years		
Working Mode	20% standby +100% Motion		
Specification			
Solar Panel			
1	Solar panel type	Bifacial Mono- Crystalline solar panel	Efficiency is 23% more compared to single Mono solar panel
2	Life of the Solar Panel	>20 Years	
3	Solar Panel Angle	Adjustable	The Angle of the solar panel can be adjusted according to your requirements
4	Frame Material	Aluminum+Stainless fixing(anti-rust)	Powder-Coated Die Cast Aluminium (Anti Corrosion Coating)
LED Module			
5	LED Efficiency	200lm/w	
6	LED Chips	Philips	Philips Chips 5050
7	Color Temperature	3000K/4000K	3000K/4000k/5000k/6000k available
8	Life of the LED	>50,000H	LM80
9	Beam Angle	Type II type III	
Controller and Battery(1pc)			
10	Controller Type	MPPT	
11	BMS included?	YES	
12	Including photovoltaic sensor	Yes	dusk to dawn
Battery information(1pc)			
13	Battery Type	Lithium-ion 18650	
14	Certifications -Batteries	CE	
15	DoD% of battery set with the controller	Battery low capacity protection.minimum 20% safety margin for battery. i.e 80%DoD	
16	Battery replaceable?	YES	
17	Controller replaceable?	YES	
18	IP Rating of compartment where battery & controller are situated	YES, Battery IP66 & Controller IP68	
19	Ambient temperature range	-20 °C up to +65°C	