

Technical specifications

Light fixture specification					
Power(W)	20	40	60	80	100
Input Voltage (V)	12				
Efficiency(Lm/W)	200 (Note 1)				
Lumen flux(Lm)	4000	8000	12000	16000	20000
Color temperature:	3000K/4000K/5700K/6500K				
CRI	≥70				
IP protection	IP65				
Days for rainproof	≥2days				
Solar panel specification					
Max power	45W	60W	100W	165W	165W
Voltage	DC18V				
Material	Mono-crystalline				
Battery Specification					
Voltage (V)	12.8				
Battery Module Capacity (AH) (Note 2)	24	42	60	84	84
Battery Module Capacity (AH) (Note 3)	20	40	60	80	80
Net Weight (kg)	13	17.5	23.5	32	34
Dimension(mm)	878*360*114	1118*360*114	1673*360*114	1878*518*114	1878*518*114
Battery Type	LiFePo4 Battery				
Cable (mm²)	2*1.5mm²				
Working Temp (°C)	Power charge: 0°C - 55°C; Power discharge: -20°C - 55°C				
Cycles	≥2000 times (Note 2) ≥1500 times (Note 3)				
Charging time	6-8 H				
Discharge time	> 12hours / night				

Note 1 : Color temperature above 4000K, light efficiency 200lm/W.

Note 2 : The specification of 5 years warranty.

Note 3 : The specification of 3 years warranty..