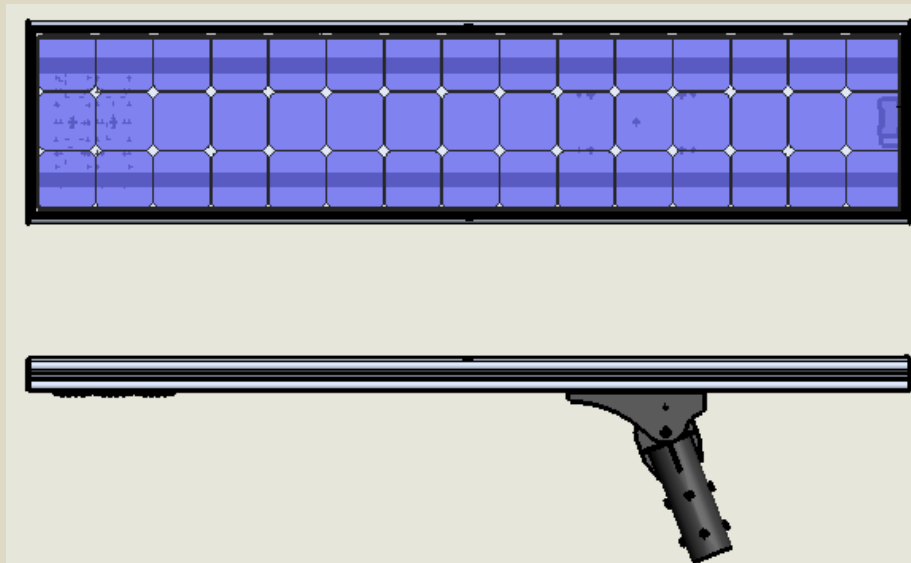


ST50PH100-SL1-H3P 100W Integrated solar street light



CE RoHS IP65

Size: 1945*437*71.5 (mm)



Performance SPECS

SPEC

PV Module Sunpower 145W 18V Eff:21%

100W;life time: 50000hours

LED chip:PHILIPS

LED Source

Viesing angel , 70°*150° IESNA TAPE II

Color Temperature: 3000K~3500K (warm white)
/6000K-6500K(cool white)

Color rendering index : >70

LED Efficiency: ≥150LM/W

Initial Delivered Lumem Tj=25°C:15000lm

Normal Luminous Flux Tj=66°C:13000lm

Height:11m , width:11m,pole distance: 30m , lighting arrange on oen side ,simulated data

Roadway 1 (ME4a)

Horizontal illuminance [lx]

10.313	14	14	13	14	15	15	15	14	14	15
8.938	17	16	16	17	18	18	18	17	16	17
7.563	21	19	18	19	19	19	20	19	20	21
6.188	24	22	20	19	18	18	19	21	22	24
4.813	26	24	21	19	17	17	19	22	24	26
3.438	27	24	21	17	15	14	17	21	25	27
2.063	22	20	17	14	13	13	15	18	20	21
0.688	9.29	9.58	11	11	11	11	10	10	9.70	9.46
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500

DIALux

Grid: 10 x 8 Points

EAvg [lx]	EMin [lx]	EMax [lx]	g1	g2
18	9.29	27	0.526	0.340

Battery Capacity

LIFepo4,12.8V 72AH

Life time: 5-8years

12.8V 10A

Timing mode:The multifunctional controller, can be set up

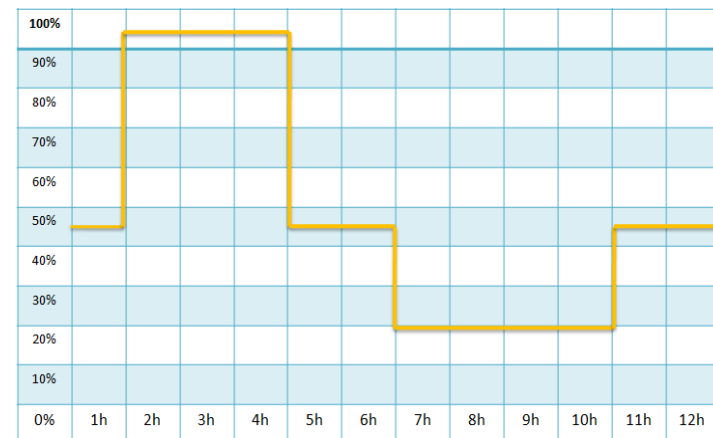
MPPT Controller

Circuit Protection: Overcharge, discharge, short circuit, open load, lightning protection and other functions

On grid backup:optional features

IoT System Optional

Work mode(can be customised):



Working Time(Battery full)

Timing mode to:3Days

Other Spec

Charging Time (STC)

7-9Hours

Operating Environment

-20-70°C

Certificate

CE、ROSH、IP65

Storage Temperature

-20-40°C

Installation Height

8m to 10m light pole

Package Size/Accessories box

2015×560×180mm/600*220*200mm

Clearance of Installation

80mm

Net Weight/GW

45.0kg/48kg

Installation Diameter

25m to 30m

IP Rating

IP65

Photometrics

