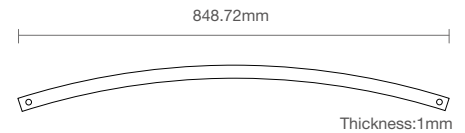


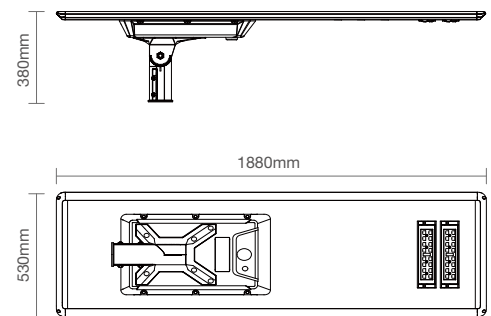
AIO | 180 Data sheet



Support rod Dimension



Dimension



AIO | 180W

Light Head

Luminous flux	5,700lm
LED working power	38W(2 LED Modules)
CRI	>70
CCT range (dual color)	2200K~6000K
LED lifetime	>100,000 hours
Light dimension	1880*530*380mm
Pole Diameter	76mm
Warranty	5 Years

Solar Panel

Peak Power	196W
Max. voltage	36V
Solar cells efficiency	22.3%
Technology	Monocrystalline silicon panel
Operating Temperature	-40 °C ~ 85 °C
Lifetime	>20 years

MPPT Controller

System voltage	24V
Max load power	200W
Motion Sensor	PIR / Microwave Optional
Programmable	√
MPPT tracking efficiency	98%
Operating temperature	-35 °C ~ 65 °C
IP rate	IP68

LiFePO4 Battery

Battery type	LiFePO4 6000mA 3.2V 32700
Battery capacity	25.6V 84AH 2150 WH
Battery lifetime	4000 cycles @ D.O.D 50%
Charge mode	C.C + C.V
Storage Temperature	+5 °C ~ +35 °C
Operating Temperature	-10 °C~65°C

