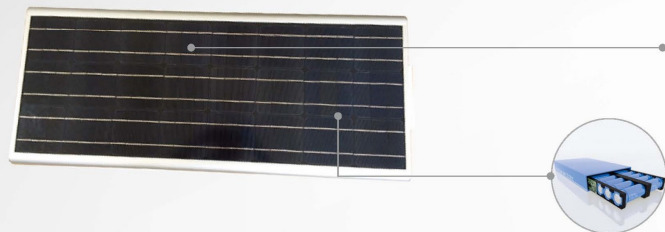


TECHNICAL SPECIFICATIONS



MODEL	AOS8	AOS15	AOS20	AOS30	AOS40	AOS60	AOS80	AOS100
SOLAR PANEL	18V/18W Grade A solar cells	18V/25W Grade A solar cells	18V/50W Grade A solar cells	18V/60W Grade A solar cells	18V/65W Grade A solar cells	18V/120W Grade A solar cells	18V/130W Grade A solar cells	18V/140W Grade A solar cells
BATTERY TYPE	Lithium LifePO4 6 Ah 12.8V	Lithium LifePO4 10 Ah 12.8V	Lithium LifePO4 18 Ah 12.8V	Lithium LifePO4 21 Ah 12.8V	Lithium LifePO4 25 Ah 12.8V	Lithium LifePO4 42 Ah 12.8V	Lithium LifePO4 54 Ah 12.8V	Lithium LifePO4 56 Ah 12.8V
LED max power	12V/8Watts	12V/15Watts	12V/20Watts	12V/30Watts	12V/40Watts	12V/60Watts	12V/80Watts	12V/100Watts
LUMEN (lm)	800–880 lumens	1500–1650 lumens	2400–2600 lumens	3600–3900 lumens	4800–5200 lumens	7800–9000 lumens	10000–10500lumens	12500–13000lumens
LED life time	Over 50000 hours	Over 50000 hours	Over 50000 hours	Over 50000 hours	Over 50000 hours	Over 50000 hours	Over 50000 hours	Over 50000 hours
Lighting viewing angle	120 °	120 °	120 °	120 °	120 °	120 °	120 °	120 °
Charge time (by sun)	6–7 hours	6–7 hours	6–7 hours	6–7 hours	6–7 hours	6–7 hours	7–8 hours	6–7 hours
Discharge time	Over 20 hours (saving mode)	Over 20 hours (saving mode)	Over 20 hours (saving mode)	Over 20 hours (saving mode)	Over 20 hours (saving mode)	Over 20 hours (saving mode)	24 hours	Over 20 hours (saving mode)
Working TEMP (C °)	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +60 °C
Mounting height(m)	3–4 m	4–5 m	5–6 m	6–7 m	7–8 m	9–10 m	9–10 m	10–12 m
Space between light(m)	8–10 m	10–15 m	18–20 m	20–25 m	22–26 m	24–29 m	24–29 m	24–29 m
Unit size	505*275*70mm	745*325*140mm	1140*330*140mm	1140*330*140mm	1140*330*140mm	1078*525*140mm	1550*450*140mm	1550*450*140mm
N.W	5 kg	8 kg	16 kg	16,2 kg	17,1 kg	24 kg	30 kg	30 kg
Carton size	580*380*130mm	815*380*200mm	1170*375*200mm	1170*375*200mm	1170*375*200mm	1185*580*200mm	1657*505*200mm	1657*505*200mm

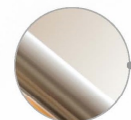
0\$ Electricity consumption
0\$ Cost of trenching
0\$ Cabling



SOLAR PANEL
MONOCRYSTALLINE
SOLAR PANEL
WE USE ONLY GRADE A
SOLAR CELLS

BATTERY
MORE THAN 24H AUTONOMY
WITH LITHIUM LIFEPO4 BATTERY INSIDE.
100% SAFE NO EXPLOSION RISKS

LAMP MATERIAL
ALUMINIUM ALLOY



LED PHILIPS LUXEON
HIGH EFFICIENCY LED



PIR SENSOR DETECTOR
50% LIGHT PERMANENT LIGHTING,
WHEN PRESENCE IS DETECTED
LIGHTING POWER TURN TO 100%.
(CUSTOMIZABLE)



SMART CONTROLLER
IP68 SMART CONTROLLER,
DIMABLE,REMOTE CONTROL
MONITORING,LED & BATTERY
PROTECTION

