

ALL-IN-ONE Solar Street Light



Outdoor SERIES



GALAXY



ECLIPSE

PRODUCT OVERVIEW

The **ALTSA All-In-One Solar Streetlights** provide extreme lumen output and long lasting stability. It is designed to withstand extreme weather conditions with it's fully IP65 rated casing. These luminaires incorporates a monocrystalline solar panel and MPPT tracking ensuring an increase in charging efficiency over PWM modules. Lithium Iron Phosphate batteries ensure longer lifespan and increase in charging cycles. The luminaire uses an integrated aluminium heatsink, keeping temperature rise as low as possible. Motion sensors and photocells are used to extend working time by incorporating curve dimming. It is Easily installed, serviceable and with virtually no maintenance ever.

Quality comes standard...



Hours
LIFESPAN



IP65
OUTDOOR



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS

Roads/Highways

Industrial Complexes

Estates

Parking Areas

Warehouses/Factories

Shipping Yards

FEATURES

Water, Dust & Damp Proof

MPPT Tracking

High Luminous Efficiency

Li-Ion Batteries

Excellent heat dissipation

Autonomy: 3 Days

Easy Installation

Charging Time: 6 Hours

Monocrystalline Solar Panel

Wind Load : 60mph

Discharge Time: 7Hrs/30Hrs Standby

CONSTRUCTION DETAILS

Aluminium Housing

PMMA Lens

Black/Silver Finish

IP65 Ingress Protection

IK10 Impact Resistance

All-in-One Solar Street Light | Technical Data

MODEL No.: Galaxy	POWER (W)	LUMEN (lm/W)	PV PANEL (V/W)	INGRESS PROTECTION	BEAM ANGLE	CRI	CCT (K)	LIFEP04 BATTERY	LED TYPE
GAL40W/	40	170	18/50	IP66	70°x140°	>70	2200-6000	24AH 11.1V	BRIDGELUX
GAL50W/	50	170	18/65	IP66	70°x140°	>70	2200-6000	28AH 11.1V	BRIDGELUX
GAL60W/	60	170	18/80	IP66	70°x140°	>70	2200-6000	36AH 11.1V	BRIDGELUX
GAL80W/	80	170	18/100	IP66	70°x140°	>70	2200-6000	42AH 11.1V	BRIDGELUX
GAL100W	100	170	18/130	IP66	70°x140°	>70	2200-6000	50AH 11.1V	BRIDGELUX
GAL120W	120	170	18/160	IP66	70°x140°	>70	2200-6000	62.4AH 11.1V	BRIDGELUX

Lighting Mode "Night Sensor+Time Control Night Sensor+Time Control Remote"

All In One Solar Street Light | Eclipse

ECLIP30W	30	170	18/50	IP65	140°x70°	>70	2200-6000	24AH 12.8V	BRIDGELUX
ECLIP40W	40	170	18/65	IP65	140°x70°	>70	2200-6000	28AH 12.8V	BRIDGELUX
ECLIP50W	50	170	18/70	IP65	140°x70°	>70	2200-6000	36AH 12.8V	BRIDGELUX
ECLIP60W	60	170	18/80	IP65	140°x70°	>70	2200-6000	42AH 12.8V	BRIDGELUX
ECLIP80W	80	170	18/100	IP65	140°x70°	>70	2200-6000	57AH 12.8V	BRIDGELUX
ECLIP100W	100	170	18/130	IP65	140°x70°	>70	2200-6000	63AH 12.8V	BRIDGELUX
ECLIP120W	120	170	18/140	IP65	140°x70°	>70	2200-6000	72AH 12.8V	BRIDGELUX

Lighting Mode "Night Sensor+Time Control Night Sensor+Time Control Remote"

All In One Solar Street Light | Type A

MB/ASL/20/A	20	170	18/40	IP65	80°x140°	>70	2200-6000	12AH 12.8V	BRIDGELUX
MB/ASL/30/A	30	170	18/50	IP65	80°x140°	>70	2200-6000	20AH 12.8V	BRIDGELUX
MB/ASL/40/A	40	170	18/60	IP65	80°x140°	>70	2200-6000	24AH 12.8V	BRIDGELUX
MB/ASL/60/A	60	170	18/80	IP65	80°x140°	>70	2200-6000	32AH 12.8V	BRIDGELUX

Lighting Mode "Motion Sensor+Time Control Night Sensor+Remote Control "

All In One Solar Street Light | Type B

MB/ASL/20/B	20	160	18/36	IP65	70°x140°	>70	2200-6000	18AH 12.8V	Philips 3030
MB/ASL/40/B	40	160	18/45	IP65	70°x140°	>70	2200-6000	30AH 12.8V	Philips 3030
MB/ASL/60/B	60	160	18/65	IP65	70°x140°	>70	2200-6000	42AH 12.8V	Philips 3030
MB/ASL/80/B	80	160	18/88	IP65	70°x140°	>70	2200-6000	54AH 12.8V	Philips 3030
MB/ASL/100/B	100	160	18/100	IP65	70°x140°	>70	2200-6000	60AH 12.8V	Philips 3030
MB/ASL/120/B	120	160	18/180	IP65	70°x140°	>70	2200-6000	72AH 12.8V	Philips 3030
MB/ASL/140/B	140	160	16.5/180	IP65	70°x140°	>70	2200-6000	108AH 12.8V	Philips 3030

Lighting Mode "Motion Sensor+Time Control Night Sensor+Microwave Sensor "

All In One Solar Street Light | Type C

MB/ASL/10/C	10	170	18/12	IP65	120°x90°	>70	2200-6000	65AH 12.8V	BRIDGELUX
MB/ASL/20/C	20	170	18/25	IP65	120°x90°	>70	2200-6000	77AH 12.8V	BRIDGELUX
MB/ASL/30/C	30	170	18/35	IP65	120°x90°	>70	2200-6000	154AH 12.8V	BRIDGELUX
MB/ASL/50/C	50	170	18/60	IP65	120°x90°	>70	2200-6000	230AH 12.8V	BRIDGELUX
MB/ASL/80/C	80	170	18/80	IP65	120°x90°	>70	2200-6000	307AH 12.8V	BRIDGELUX

Lighting Mode "Night Sensor+Time Control Night Sensor+Time Control Remote"

All In One Solar Streetlight | Series

MODEL No.: Type E	POWER (W)	LUMEN (lm/W)	PV PANEL (V/W)	INGRESS PROTECTION	BEAM ANGLE	CRI	CCT (K)	LIFEP04 BATTERY	LED TYPE
MB/ASL/30/E	30	170	18/50	IP65	140°x70°	>70	2200-6000	24AH 12.8V	BRIDGELUX
MB/ASL/40/E	40	170	18/65	IP65	140°x70°	>70	2200-6000	28AH 12.8V	BRIDGELUX
MB/ASL/50/E	50	170	18/70	IP65	140°x70°	>70	2200-6000	36AH 12.8V	BRIDGELUX
MB/ASL/60/E	60	170	18/80	IP65	140°x70°	>70	2200-6000	42AH 12.8V	BRIDGELUX
MB/ASL/80/E	80	170	18/100	IP65	140°x70°	>70	2200-6000	57AH 12.8V	BRIDGELUX
MB/ASL/100/E	100	170	18/130	IP65	140°x70°	>70	2200-6000	63AH 12.8V	BRIDGELUX
MB/ASL/120/E	120	170	18/140	IP65	140°x70°	>70	2200-6000	72AH 12.8V	BRIDGELUX

Lighting Mode "Night Sensor+Time Control Night Sensor+Time Control Remote"



ORDERING DATA

Please specify the total burn hours required when ordering

Select one of the following operating modes:

OPERATING MODE	FUNCTION	INFO REQUIRED
Motion Sensor + Time Control	Luminaire will function between specified times. Motion sensor operational between specified times	Switch On and Switch Off Time. Hold Time for motion sensor. Dimming level.
Day/Night Sensor + Time Control	Luminaire will function from dusk to dawn. Luminaire will function at full brightness at selected times.	Times required at full brightness Dimming level.
Day/Night Sensor + Motion Sensor	Luminaire will function from dusk to dawn. Motion sensor operational between specified times	Hold Time for motion sensor. Dimming level.
Remote Control	Fully programmable	-

All-in-One Solar Street Light | Technical Data

MECHANICAL DATA

Humidity Range:	30-60%	
LED Brand:	Philips 5050/3030 Bridgelux	
Operating Temperature:	-20°C ~ 50°C	
Housing Material:	Aluminium	
Lens Material:	PMMA With IK10 Impact Resistance	
Housing Finish:	Black/Silver	
IP Rating	IP65/IP66	
Mounting Configuration:	Surface Pole Mount	
Glare Rating:	UGR 22	
Flicker&DLC Specification:	SVM<0.4	DLC V4.0

ELECTRICAL DATA

		FEATURES
Driver:	-	EMC Applicable
Electrical Class:	Class 1	Battery Backup 30-90Min 20%
Nominal Voltage Range:	DC12V	Motion Sensor
Power Factor:	>0.95	
THD:	12%	
Surge Protection:	Standard 1000V- Optional 3000V	
Photocell:	External	
Cable Entry:	Bottom	