

طاقتنا
taqetna

ThunderLight

Solar Powered LED Series



ThunderLight – Solar Lighting



ThunderLight – Series have superior lighting performance. Provided by an efficient mono-crystalline solar panel that charges the battery during the day time with the solar electricity. The stored energy in the battery is converted later to run the LED chips during the night times. This provides efficient lighting solution for street lights, warehouses and gardens.

Model Features:

1. Li-ion battery, 1500 deep cycles with up to 7 years life span
2. Autonomy: 3-5 rainy/dusty or cloudy days
3. Three lighting modes with additional motion sensor for energy saving.
4. Detachable design of battery pack and led chip, reduced maintenance cost.
5. Aluminium alloy case, waterproof IP65.
6. Easy to install
7. Turn on at dusk and tun off at dawn automatically.

Technical Specifications

ThunderLight Model №	M30W	M45W	M60W	M80W	L100W
LED rated power	30W	45W	60W	80W	100W
Max power	33W	48W	63W	80W	103W
PV panel power	40W	60W	80W	95W	100W
PV panel type	Mono/Polycrystalline				
Light Temperature	6500K				
Brightness	3,000 lumens	4,500 lumens	6,000 lumens	10,400 lumens	12,000 lumens
Li-ion Battery	250Wh	360Wh	480Wh	550Wh	800Wh
	78AH	113AH	150Ah	172Ah	250AH
	3.2V	3.2V	3.2V	3.2V	3.2V
Housing Material	Aluminium alloy + Tempered Glass				
Size (mm)	808*227*164	1095 x 381 x 200		1522*409 *48	1522*409 *48
Lighting Modes	Motion sensor, timer, or ODM				
Enclosure Rating	IP65				
Working Temperature	-3 °C to 55 °C				
Certification	BV, CE, FCC, RoHS, SAA, SASO				
Warranty	Solar PV Panel: 25 years LED Chip: 5 years Battery: 2 years *				

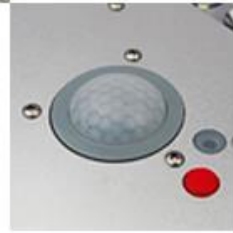
Disclaimer:

* The battery life is designed to run for 10 years, but the warranty is 2 years due to the battery manufacturer terms



LED Chip

Motion
Sensor



* The supplier has the right to change or upgrade the specifications without notice