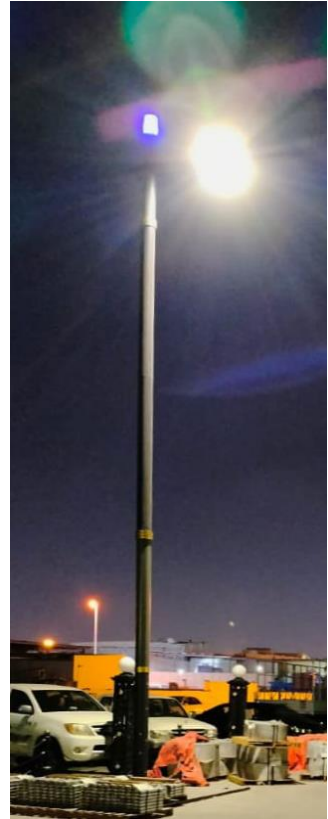
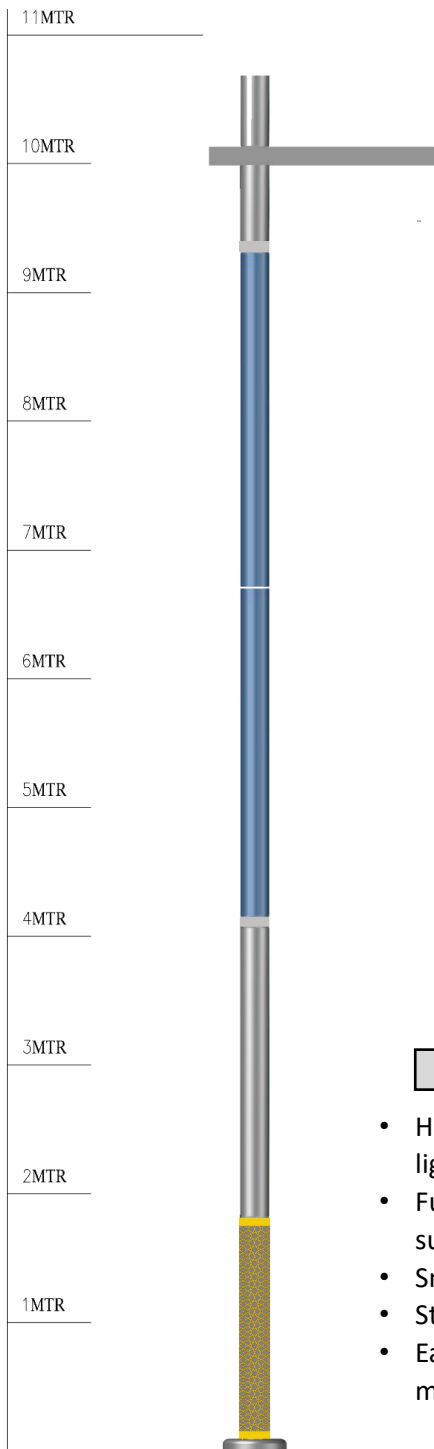


SOLAR LIGHT POLE

SP AIL 03



FEATURES

- High-performance street light for various lighting situations
- Fully autonomous and energy self-sufficient
- Smart, reliable and affordable
- Strong construction and closed design
- Easy to install and minimum maintenance

APPLICATION

- Roads and streets
- Industrial sites
- Intersections
- Pedestrian area
- Parking lots

OPTIONS

High-spec Street Lighting – a choice high-performance/military spec energy storage available for severe conditions, locations and applications

Smart Monitoring – remote configuration and lighting control from anywhere via a modern web application

SOLAR LIGHT POLE

SP AIL 03



General information		
Pole Height	10-11 MTR	
Pole Diameter	219 mm	
Beam Angle	As per ADM, RTA & SEWA specifications & Lux Study to suit application. Head Angle <5° to reduce light pollution	
Number of Days of Autonomy	>2 days (luminous efficacy automatically reduced)	
LED Lighting		
Power	100W-120W	
Colour rendering index	80	
Lumen Efficiency	157 LM/W	
Colour Temperature (CCT)	4000k	
Colour	Can be customized	
Lifetime	100,000 hrs	
Dimming	Yes	
ON/OFF control	Yes	
Light Profile	Programmable	
Motion Sensor	Optional	
Warranty	10 years	
Solar Module		
Type	Vertical wrapping around the pole	
Technology	CIGS Flexible modules, high power density	
Application	For high wind load and high seismic hazard areas. IEC 61646, IEC 61730, IEC 62716, AUSTRALIA CEC, Salt Spray IEC 61701	
Warranty	10 years workmanship, 10/15 years against power loss	
Pole		
Material	Aluminium pole	
Coating	To suit client requirements	
Wind load	as per ADM, RTA & SEWA specifications	
Warranty	25 years for the structure	
Battery		
Type	LITHIUM	LIC / SUPER CAPACITOR
IP rating	65	66
Warranty	5 years	10 years
Position	Inside pole	Inside pole
Options		
Camera	Wi-Fi / 4G camera	
Communication	Remote communication 4G/GPRS or ZigBee / Lora Wan	
Protection and Security		
IP 66 Protection; IK09		
Reverse polarity protection		
Low battery voltage cut-off		
Security pole door / vandal protection		