



CLEANTECH EPP

SOLAR

LIGHTING



PRODUCT FEATURES

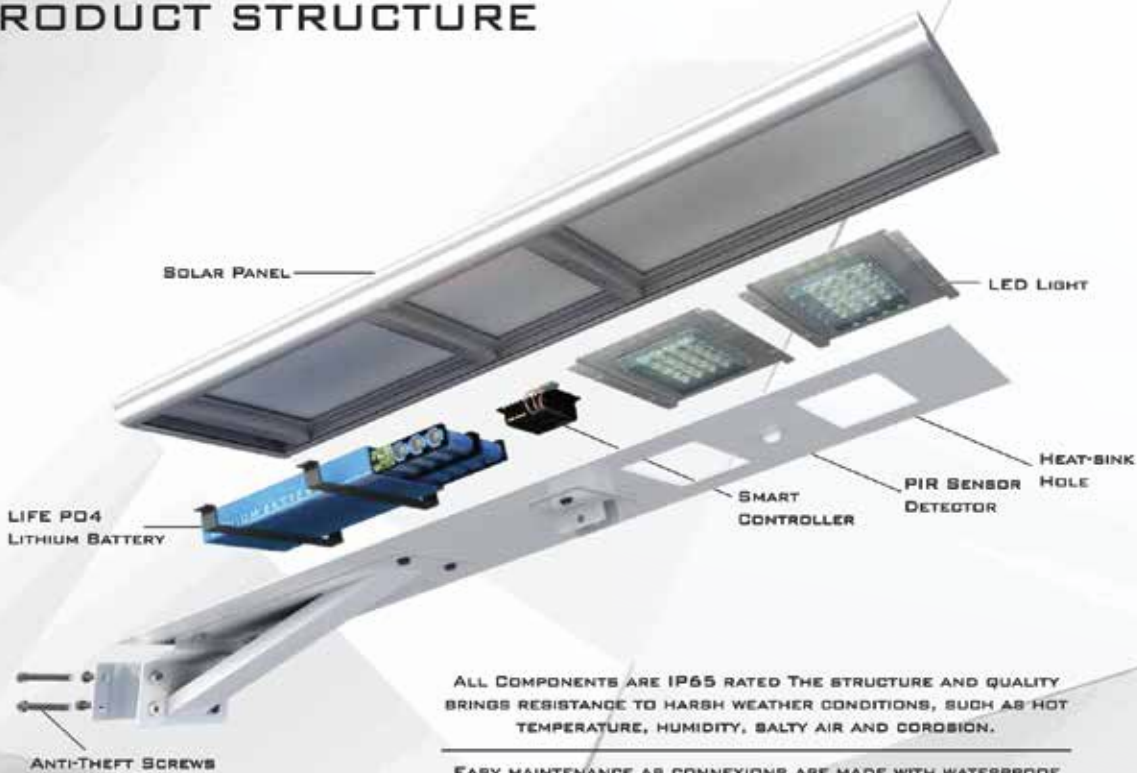


ALL IN ONE

INTEGRATION OF PHOTOVOLTAIC MODULE, CHARGING CONTROLLER AND LIFEPO4 BATTERY COMBINED WITH HIGH OUTPUT LEDs AND HUMAN INFRARED SENSOR BRINGS MULTIPLE FEATURES SUCH AS HIGH LUMINANCE, LONG LIFESPAN, MINIMAL MAINTENANCE AND EASY INSTALLATION.



PRODUCT STRUCTURE



ALL COMPONENTS ARE IP65 RATED THE STRUCTURE AND QUALITY BRINGS RESISTANCE TO HARSH WEATHER CONDITIONS, SUCH AS HOT TEMPERATURE, HUMIDITY, SALTY AIR AND CORROSION.

EASY MAINTENANCE AS CONNEXIONS ARE MADE WITH WATERPROOF PLUGS AND PLAY CONNECTORS.

LITHIUM LIFE PO4 BATTERY



ELECTRONIC ALGORITHM PROTECTION AND BATTERY MANAGEMENT SYSTEM FOR BEST USE OF THE BATTERY CAPACITY

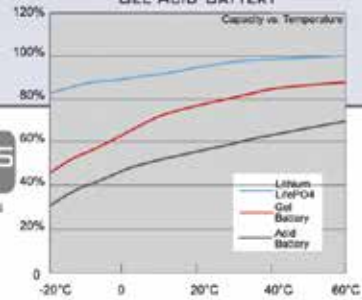
HIGH TEMPERATURE RESISTANT
-20°C TO +65°C

SAFETY NO EXPLOSION RISK

BEST TECHNOLOGY IN THE MARKET

10 YEARS LIFE TIME
OVER 10 YEARS LIFETIME

LITHIUM LIFEPO4 THE ULTIMATE TECHNOLOGY FOR SOLAR APPLICATION. 5 TIMES LONGER LIFE CYCLE THAN GEL ACID BATTERY



LED LIGHTING



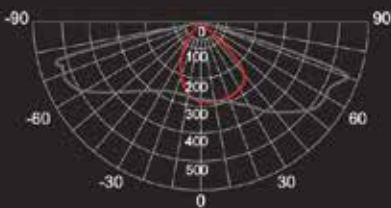
BATWING LENSES



8W 15W 20W 30W 40W 60W 80W 100W

PHILIPS LUXEON HIGH BRIGHTNESS LED WITH OVER 120 LUMENS / WATTS AND OVER 50 000 HOURS LIFETIME. BATWING LENSES LIGHT DISTRIBUTION WITH GREATER THAN 93% UNIFORMITY

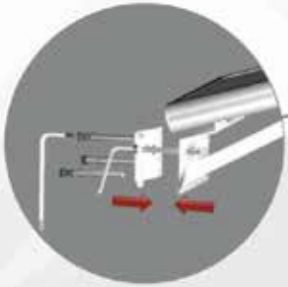
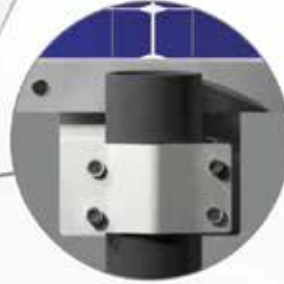
BATWING LIGHT DISTRIBUTION CURVE



LIGHT INTENSITY DIAGRAM



EASY INSTALLATION



WITH A WELL DESIGNED BRACKET SUPPORT THE AOS IS VERY EASY AND FLEXIBLE TO INSTALL ON ANY POLE AND WALLS.



LEADER

MOBILE CHARGING FEATURE

WATER RESISTANT

3 BRIGHTNESS MODES

WALL/CEILING MOUNTING FEATURE

16 HOURS OF LIGHT

5 YEARS BATTERY LIFE

Battery meter

Charging meter

2 YEAR WARRANTY



EPP COMPOSITES PVT.LTD.

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