



CUSTOMIZED INNOVATIVE SOLUTIONS...





ENERGY SAVING PRODUCTS...



OCCUPANCY SENSORS



Introduction:

This is an intelligent and an effective energy saving solution for automatically turning ON / OFF the lights , fans, air conditioners etc. depending upon the occupancy of the room. Available in various models to suit commercial and industrial applications. The Basic model is a simple low cost model for low power applications. The higher end models like the corporate model facilitate the daylight harvesting feature that saves energy by keeping the lights OFF by making use of the natural light in addition to the room non-occupancy. The Wireless model is the first “ Indian Make” wireless occupancy sensor launched in India with its first installation at the Indian Army Head Quarters, Colaba under the command of Garrison Engineer (West) to control all the air conditioning in the Conference room. This is an ideal energy saving device of the decade. Presently used by our customers like, Aditya Birla Group, Mahindra & Mahindra, Bharat Petroleum, HSBC Bank, TATA Power and many more... This device operates on the principle of Passive Infrared Radiation Detection emitted by the human body.

FEATURES	BASIC	EXECUTIVE	CORPORATE	AC CONTROL	WIRELESS
1) MODEL NO	OS-BAS-01	OS-EXE-01	OS-COR-01	OS-ACC-01	OS-RF-01
2) OPERATING VOLTAGE	190 - 270 VAC / 12V DC	190 - 270 VAC	190 - 270 VAC	190 - 270 VAC	190 - 270 VAC, 12VDC
3) LOAD HANDLING CAPACITY	100W	600W	600W	3 KW & 5 KW	UPTO 20KW 8 CH
4) AREA COVERED (SENSOR OPERATING RANGE)	100 TO 150 SQFT	100 TO 150 SQFT	100 TO 150 SQFT	100 TO 150 SQFT	3 TO 4 MTRS IN H PLANE
5) OPERATING ANGLE IN H PLANE / V PLANE	V360 ° / H120 °	V360 ° / H120 °	V360 ° / H120 °	V360 ° / H120 °	110 ° IN H PLANE
6) MOUNTING TYPE	CEILING / WALL	CEILING/WALL	CEILING / WALL	CEILING / WALL	WALL
7) TIME SETTING	5 TO 30 MINS	5 TO 30 MINS	5 TO 30 MINS	15 TO 30 MINS	5 TO 30 MINS
8) EXTERNAL LIGHT SENSING (NATURAL LIGHT)	NO	NO	YES	N.A.	YES (OPTIONAL)
9) SENSITIVITY CONTROL	NO	NO	YES	YES	YES (DIGITAL)
10) WIRING	REQUIRED	REQUIRED	REQUIRED	REQUIRED	WIRELESS
11) MINIMUM ORDER QTY	50 PCS	10 PCS	10 PCS	5 PCS	5 PCS

POWER SAVER FOR AIR CONDITIONER



Introduction:

Air Conditioners are responsible for almost 70% of the energy consumption in most of the establishments. Many a times, in spite of the thermostat being present, air conditioners experience a thermal saturation condition and some excess cooling cycles. "A thermal saturation point" is a state that occurs when the temperature of the room does not drop below a certain point and in spite of that, the compressor is forced to operate continuously because the set temperature is not achieved. Energy spent at this stage is not utilized but wasted, as practically no heat exchange takes place. A thermal saturation point is never constant and depends on lot of factors like capacity of Air Conditioner, Room size, Occupants in the room, ongoing Season, and Day time / Night time etc.

Also due to laws of thermodynamics, the cool air settles down in the room and hot air rises up, as a result we sometimes experience excess cooling in the room. The reason is simple. The thermostat is located at a height inside the air conditioner and it senses the temperature of the warmer air present in the upper zone rather than the cool air that has settled down (where we sit /sleep) & hence the compressor is cut off only after the hotter air present in the upper zone actually achieves the set temperature. This too causes wastage of energy.

This is exactly where our Power Saver for Air Conditioner comes into picture & helps save energy by preventing thermal saturation & excess cooling. Thanks to its intelligent microcontroller and an inbuilt intelligent software program that senses, monitors and prevents energy wastage due to the above mentioned factors. New advanced models of Power Saver for Air Conditioner have been packed with additional premium features promising more energy saving, LCD Display to indicate approximate saving achieved in percentage, Room Occupancy Sensing to turn ON / OFF the Air Conditioner based on the occupancy of the room, etc.

This device has been tried, tested /used by thousands of customers like Johnson & Johnson, Mahindra & Mahindra, Godrej, Suzlon, Asian Paints, SIEMENS, Mazgaon Docks limited, Reliance Energy, State bank of India, Aditya Birla Group, Max Life Insurance co., 20 Cube Logistics and many more.

That's not it. This year we have achieved the CE mark for this device, needless to mention that its manufactured complying with international quality and export standards.

See it to believe it. We just don't make claims, we prove it! A demo with an energy meter is the best way to observe and experience the energy saving with your own eyes!

We have conducted many such successful demos before our customers bought our product and the reports are available for your reference just a phone call away... Call us now...!

Save Energy, Money & Lets make this earth a greener place.

POWER SAVER FOR AIR CONDITIONER

Comparison & Technical Data of different models of Power Savers for Air Conditioner

FEATURES	ACSECO -01	ACSFIXS-01	ACSFLS-01	ACSFLSLCD-01	ACSCUS-01
1) MODEL NO	ACSECO -01	ACSFIXS-01	ACSFLS-01	ACSFLSLCD-01	ACSCUS-01
2) OPERATING VOLTAGE	190 - 270 VAC	190 - 270 VAC	190 - 270 VAC	190 - 270 VAC	190 - 270 VAC
3) TONNAGE CAPACITY (TR RATING)	UPTO 2 TONNE	UPTO 2 TONNE	UPTO 2 TONNE	UPTO 2 TONNE	FOR MORE THAN 2 TR
4) AIR CONDITIONER TYPE (COMPATIBILITY)	WINDOW & SPLIT AC	WINDOW & SPLIT AC	WINDOW & SPLIT AC	WINDOW & SPLIT AC	DUCTABLE / PACKAGE ETC
5) FOR HIGHER CAPACITY PACKAGE/ DUCTABLE AIR CONDITIONERS MORE THAN 2 TR	NO	NO	CUSTOMISED	CUSTOMISED	CUSTOMISED
6) OPERATING PRINCIPLE	SMART CYCLE	THERMAL SATURATION	THERMAL SATURATION AND EXCSS COOLING PREVENTION	THERMAL SATURATION & EXCSS COOLING PREVENTION	THERMAL SATURATION AND EXCSS COOLING PREVENTION
7) ESTIMATED ENERGY SAVING DISPLAY*	NO DISPLAY	NO DISPLAY	NO DISPLAY	YES	YES
8) Average %Age Saving Obtained*	10 to 15 %	15 to 25 %	15 to 35 % or More	15 to 35% or More	15 to 35 % or More.
8) INDICATORS	YES , LED	YES, LED	YES, LED	LCD DIDPLAY	LCD DISPLAY
9) DESIGN BASE	MICROCONTROLLER CHIP	MICROCONTROLLER CHIP	MICROCONTROLLER CHIP	MICROCONTROLLER CHIP	MICROCONTROLLER CHIP
10) ADDITIONAL SAVING MOTION SENSOR MODULE COMPATIBILITY FOR 20% EXTRA SAVING (ROOM OCCUPANCY SENSING) *	NO	NO	NO	YES At Additional Cost	YES At Additional Cost
11) Payback period*	8 to 12 MONTHS	6 to 10 MONTHS	6 to 8 MONTHS	6 to 8 MONTHS	3 to 6 MONTHS
12) WARRANTY	2 YRS	2 YRS	2 YRS	2 YRS	3 YRS

* - This Information is based on results obtained at customer end.

AIR CONDITIONER SEQUENCER / TIMER / ALTERNATOR.



A Simple 2 Air Conditioner Sequencer



3 to 6 A.C. Sequencer



Introduction:

Cheaply available Imported Timers always malfunction and don't last for more than a year. Some Branded ones are available in the market, however they are exorbitantly priced and do not justify the value for money equation. Our A.C. Timer / Sequencer is a complete Value for Money Product and is also offered with a 2 Years Warranty. The Air Conditioner sequencer finds wide applications in places like Server Rooms, ATM centers, Electrical Substation & Switchgear Rooms, Control Rooms, Cell Sites, etc. where two or more Air Conditioners are present and are to be turned ON alternately or in a particular sequence. The basic model of our sequencer only functions like a simple sequencer, whereas the more sophisticated models monitor the room temperature continuously and take corrective actions like temporarily turning ON the Stand-by Air Conditioner(s), in case of seasonal / activity based temperature rise is detected or if one air conditioner goes faulty. In case of very cool ambient temperature, the regular air conditioners are also turned OFF when not required. The system also has a phase failure detection system that activates the standby available phase for use till the faulty phase is restored.

The device also sounds alarm to draw attention to the phase failure fault, faulty air-conditioner / temperature rise. An optional SMS Facility alerts the concern person on SMS about the fault to take corrective action in time.

The Night energy saving / inactivity energy conservation feature automatically raises the set temperature by 2 Degrees during night time / inactivity periods. Eg : 23 Deg C >>> 25 Deg C. This feature can be used only for ATM centers where the human traffic decreases in the night time when ATM machine usage drops drastically. It can be used or in places with similar operating patterns.

Note: This device is designed, manufactured and assembled by us and hence any customized modifications to suit your actual needs can be catered to very easily. Our Research & Development lab is fully equipped with all the necessary equipment & skilled expertise to cater to the dynamic requirement of the customers.

Comparison & Technical specs on Next page.

AIR CONDITIONER TIMER/ALTERNATOR / SEQUENCER.

FEATURE	BASIC MODEL	BASIC DIGITAL	INTELLIGENT DIGITAL	SUPER INTELLIGENT
1) Digital Display	NO	YES (LCD)	YES (LCD)	YES (LCD)
2) Time Range	1 TO 24 HRS	1 TO 24 HRS	1 TO 24 HRS	1 TO 24 HRS
3) No. of Air Conditioner Controlled	2	2	2 TO 6 (Optional)	2 TO 6 (Optional)
4) Temperature Monitor & Control	NO	NO	YES	YES
5) Temperature Alarm	NO	NO	YES	YES
6) Phase Failure detection & switching on standby phase. (2 Phase Required)	NO	NO	OPTIONAL*	YES
7) SMS Fault Alert system	NO	NO	NO	YES (Optional)
8) Night / Inactivity Energy Saving Feature (ONLY FOR ATM CENTER)	NO	NO	NO	YES
9) Operating Voltage	200VAC TO 270VAC	200VAC TO 270VAC	200VAC TO 270VAC	200VAC TO 270VAC
10) Over / Under Voltage Lockout	NO	NO	OPTIONAL*	OPTIONAL*
11) Operating Base	MICROCONTROLLER	MICROCONTROLLER	MICROCONTROLLER	MICROCONTROLLER
12) Primary Port for driving contactor	YES	YES	YES	YES
13) Time Memory	YES	YES	YES	YES
14) Week Day control (Eg: Sunday OFF)	NO	OPTIONAL	OPTIONAL	OPTIONAL
15) Equal time sharing	YES	YES	YES	YES
16) External Port for Advertisement . Hoarding Switching for ATM Machine	NO	NO	YES	YES
17) Night Saving Feature for ATM Machines	NO	NO	YES	YES
18) Power Saver Function ADD ON CARD	NO	NO	YES (ADD ON)	YES (ADDON)
19) SMS to CONTROL for AC ON / OFF COTROL	NO	NO	NO	YES (OPTIONAL)

ENERGY SAVING LED FLOOD LIGHTS



120W LED HIGHBAY
Replacement for 400 W
HID Lamps.

Introduction:

An ideal energy saving replacement for Metal Halide / Mercury / Sodium Vapour & Halogen lamps. Saves between 50% to 70% energy. Extreme Long life as compared to conventional HID & halogen lights hence brings down lamp replacement costs. Easy installation. Solid Heavy duty IP-65 grade fixture. Govt. Lab test certificate available. **AVAILABLE IN 110V AV/ DC OR 12 / 24 / 48 V DC VERSIONS ALSO.** Available with **EDISON (Germany) & CREE (USA) LEDs also.**

FEATURES	12/18W	30W	70W	120W HB
1) MODEL	LEDFLD12W	LEDFLD30W	LEDFLD70W	LEDHB120W
2) WATTAGE	12 WATTS	30 WATTS	70 WATTS	120 WATTS
3) COLOUR	WHITE / WW	WHITE / WW	WHITE/WW	WHITE
4) REPLACEMENT FOR	100W HALOGEN	70 W METAL HALIDE	150W HID	400W HID
5) LED	SINGLE/MULTI	SINGLE/MULTI	SINGLE/ MULTI	SINGLE CHIP
6) PROTECTION	IP-65	IP-65	IP-65	IP-55
7) OPERATING VOLTAGES	110 / 220 V AC / DC	110 / 220 v AC / DC	110 / 220 V AC / DC	110 / 220 V AC / DC
8) DIMMING HALF POWER *	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
9) ENERGY SAVING %AGE	MORE THAN 70%	MORE THAN 70%	MORE THAN 70%	MORE THAN 70%
10) WARRANTY	1 / 5 YEARS	1 / 5 YEARS	1 / 5 YEARS	1 / 5 YEARS
11) MIN ORDER QTY	5PCS	5PCS	5PCS	2 PCS

* - At Additional cost

SOLAR ELECTRIFICATION OF TRAIN (WR)

DESIGNED AND INSTALLED FOR THE FIRST TIME IN INDIA FOR WESTERN RAILWAYS GUARDS CABIN OF GOODS TRAIN. (WESTERN RAILWAY LOWER PAREL WORKSHOP)



Introduction:

The First Solar Electrification of a Western Railways, Guard Cabin of Goods Train was designed , installed & Commissioned by our company. The Train compartment was provided with DC operated Ceiling mount fans and DC Operated LED Lights. Also an additional facility of the Mobile charging was provided for the occupant. The system was designed to provide an uninterrupted backup of 24 hours.



- 300 W Solar Generation Roof Top
- 12V DC operated ceiling Mount Fans
- 12 V DC operated ceiling LED Lights
- Mobile Charging Facility
- Microcontroller based fully automatic charge controller
- Fully Automatic Battery and load management system.
- 1 year Warranty
- Application :. Trains, Buses, Mobile ATM Machines , Ambulances, Medical Mobile labs, Security & Police Vehicles etc.

Kindly Email us for technical specifications.

SOLAR ELECTRIFICATION MOBILE ATM MACHINE

DESIGNED AND MANUFACTURED FOR AGS TRANSTRACT TECHNOLOGIES LTD
(ATM MACHINE MANUFACTURER)



Introduction:

The Concept of Solar Roof Top was designed and executed for a Mobile ATM VAN for the Rural Areas of India. This Mobile ATM VAN was fitted with a Solar Roof Top with a generation capacity of 300Watts. A 12Volt SMF Maintenance Free battery was provided for storage of the power. The Lights and Fans inside the van for the comfort of the customers were also powered with Solar.



- 300 W Solar Generation Roof Top
- 12V DC operated ceiling Mount Fans
- 12 V DC operated ceiling LED Lights
- Mobile Charging Facility
- Microcontroller based fully automatic charge controller
- Fully Automatic Battery and load management system.
- Application: ATM Vans, Vegetable Vending Vans, Mobile Clinics,
- Emergency Services Vans, Medical Vans, Mobile Libraries, Rural ATMs.

Kindly Email us for technical specifications.



Solar Powered Container Officer (Porta Office Concept)

SOLAR LED STREET LIGHTS



Salient Features:

- Fully Automatic Microcontroller based operations
- Fully Automatic charging algorithm
- Auto Cutoff on battery low and battery full.
- LED discrete colored indicators for easy system monitoring.
- Battery Health monitoring system
- LED has more than 35,000 hours of life.
- Can be powered on alternate source of energy for monsoon.
- 1 year Warranty

Short Description:

Microcontroller based Solar LED Street light out powers all other conventional Solar LED street light systems in the market with its unique microcontroller control that takes care of the complete system. Available in 3 versions of 12W, 18W, & 24W LED to suit your requirement. Ideal for all locations like pathways, small roads, lanes, gardens etc. A complete free and green source of energy. LED has long life of 50,000 hours. The Solar LED street light is available in complete IP-65 grade Fixture, Battery box and accessories.

Technical Specifications

Parameter	12W	18W	24W
LED Wattage	12W	18W	24W
LED Configuration	1 X 12W PLED or Similar	1 X 18W PLED Or Similar	1 X 24W PLED Or Similar
Equivalence	18 W CFL	23W CFL	80W CFL
Backup time	36 hours	36 hours	36 hours
Battery	12V, 42 AH	12V , 60 AH	12V , 100 AH
Solar Panels	35W	70W	100W
Full Auto	YES	YES	YES
Fixture & B.box	IP65	IP65	IP65
Product Code	SSL12W	SSL18W	SSL24W

SOLAR STREET LIGHTS INBUILT BATTERY



***176 nos. Superflux LED
7.5W Luminaire
6V, 14.0Ah inbuilt battery
Dusk to Dawn controller
6V, 10W Solar Panel (included)
Polycarbonate body (Water resistant)
Backup time - 12.0 hours***

***88 nos. Superflux LED (Pure White)
12W Luminaire
6V, 14.0Ah inbuilt battery
Dusk to Dawn controller
6V, 20W Solar Panel (included)
Polycarbonate body (Water resistant)
Backup time - 18.0 hours***





SPECIAL APPLICATION PRODUCTS.



SAFETY HELMET WITH RECHARGEABLE LED HEAD LAMP.



Short Description:

A basic necessity for all maintenance crew, inspection crew, Search & Rescue Services like Police, Military, Railway Gang men, Operation & Maintenance person. Powerful LED ensures clear visibility and special battery ensures un-interrupted backup. ISI Marked Safety Helmet ensures full safety of the user. Available in 3 models as given below.

Salient Features:

- LED consumes less power hence gives long backup with lot of energy saving but a Powerful Beam.
- Heavy duty battery gives extra long backup. (Option of Lithium Ion Battery in Regular Version)
- Adjustable (UP – Down adjustment) for focusing on task.
- No Filament in LED lamp hence Vibration resistant & shock tolerant
- No lamp replacement required, as LED has life of more than 35,000 hours.
- 2 Power level settings for light to help conserve power when not required.
- Dual charging compatibility , electric & solar both. (Solar Addl. Accessory.)
- Available in 3 models ECO, Regular & LED Mining Lamp (IP-65)
- Moisture Resistant, Vibration resistant. ,1 year Warranty.



Feature	ECO	Regular with Regular Battery	Regular with Lithium Battery	Mining Head Lamp
Light Output Colour:	White	White	White	White /Yellow
LED Power:	0.8W	1 W / 3 W	1 W / 3 W	1W/3W
Backup Time:	LO – 8 hrs, HI – 4hrs	LO – 8 hrs, HI – 4 hrs	LO – 14 hrs, HI – 12 hrs	LO – 14 hrs, HI – 8hrs
Battery Type :	3.7V DC Built In battery 800mAH (SMF)	3.7V DC Built In battery 1000mAH (SMF)	3.7V DC Built In 2000mAH Li-Ion Batt.	Built In battery (Li-Ion) 2000/4000/6000mAH

DEFAULT HELMET IS YELLOW IN COLOUR
Helmet is as per Compliance: IS 2925 1984.

PORTABLE LED FLOOD LIGHTING SYSTEM



Short Description:

A special application emergency lighting product developed specially to cater to the requirement of temporary portable yet powerful flood lighting. This set can be charged on electric or solar power to provide an uninterrupted backup of 7- 8 hours. Ideal for emergency relief operations, flood/ earthquake relief, workmen, pipeline repair crew, tunnel workmen, railway track repairs, etc. Available in different wattages from 12W to 36W. Covers an area between 500 Sqft to 1000 Sqft depending on model and power output.

PARAMETER	RATING
1) MODEL NO	OES-PLDWLTOW-XX
2) AVAILABLE WATTAGES	12W / 18W / 24W / 36W
3) COVERAGE AREA	100/200/500/1000 Sqft Respectively.
4) BACKUP TIME	CUSTOMISED, STANDARD 6 TO 8 HRS.
5) MOUNTING	VARIABLE LENGTH FOLDING TRIPOD
6) LED	POWER LED , EDISON / CREE
7) COLOUR OUTPUT	WHITE / YELLOW (ww)
8) CHARGING	ELECTRIC AND SOLAR (OPTIONAL)
9) BATTERY LOW, BATTERY FULL PROTECTION	YES
10) DESIGN BASE	MICROCONTROLLER BASED WITH FULLY AUTOMATIC BATTERY AND LOAD MANAGEMENT SYSTEM.,
11) FIXTURE PROTECTION CLASS	IP 65, WATER AND WEATHER PROOF.
12) Application	EMERGENCY LIGHTING, DISASTER SITES, OPERATION & MAINTENANCE JOBS, SEARCH AND RESCUE OPERATIONS, MILITARY OPERATION ETC.
13) Minimum Order Quantity	5 PCS

PORTABLE LED FLOOD LIGHT (COMPACT)



Salient Features:

- Ideal lighting solution for Powerful temporary lighting requirement.
- LED ensures cool operation for extended hours.
- Complete IP-65 grade fixture and battery box.
- Fully Automatic microcontroller based system
- Portable.
- Two Power Modes, viz High Power, Low Power.
- Dual charging system, viz, Solar & Electric. (Additional Cost for Solar)
- Automatic charging, Battery Low, Battery Full cutoff. (Display in Selected Models)
- Battery Deep Discharge Protection, Available in 12W, 18W..
- 1 year Warranty.
- Rugged Carry Handle.
- Adjustable Focus

This is a rechargeable portable, high power LED work light. Charges on electric power as well as on solar. Provides an uninterrupted backup for 7 – 8 hours. Adjustable front focus. Water and weather resistant IP-65 enclosure. Ideal for workmen, power restoration operations, tunnel operations, on site task illumination and other operation and maintenance jobs on sites. This is similar to the previous version however this is a compact model with power ranges upto 18W for ease of portability. Adjustable Focus.

Technical Specifications	
1) MODEL NO	OES-PLEDWL- XX
2) AVAILABLE WATTAGES	12W / 18W
3) BACKUP TIME	CUSTOMISED, STANDARD is 6 TO 8 HRS in FULL POWER & 12 to 14 HRS in LOW POWER MODE
4) PORTABLE	PORTABLE, with CARRY HANDLE
5) LED	POWER LED , EDISON / CREE
6) COLOUR OUTPUT	WHITE / YELLOW (ww)
7) CHARGING	ELECTRIC AND SOLAR (OPTIONAL)
8) BATTERY LOW, BATTERY FULL PROTECTION	YES
9) DESIGN BASE	MICROCONTROLLER BASED WITH FULLY AUTOMATIC BATTERY AND LOAD MANAGEMENT SYSTEM.,
10) FIXTURE PROTECTION CLASS	IP 65, WATER AND WEATHER PROOF.
8) Application	EMERGENCY LIGHTING, DISASTER SITES, OPERATION & MAINTENANCE JOBS, SEARCH AND RESCUE OPERATIONS, MILITARY OPERATION ETC.
7) Minimum Order Quantity	5 PCS

INSPECTION LENS WITH LED LAMP (RECHARGEABLE).



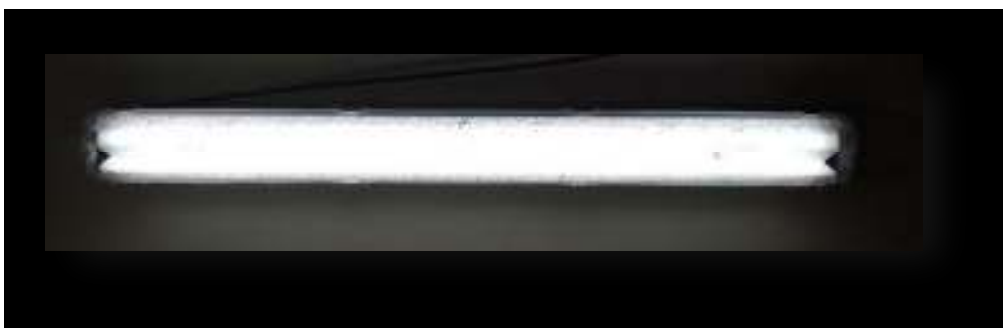
Short Description:

This is a unique kind of an Inspection Lamp with a LENS and an LED Light on the front. This is a special application product and finds wide application in the engineering industry. The Lamp not only facilitates the zooming of the object or area to be inspected but also illuminates the object or area brightly with its powerful LED. The unit consists of a Lithium Ion rechargeable battery for a extra long backup. LED ensures long life of the lamp. The Backup time of the Lamp is 8 to 10 hours in continuous operation mode.

Technical Specifications:

LENS	10X , PLASTIC , CONVEX TYPE
BODY TYPE	Plastic Enclosure
LED	1 / 3 Watt Power LED
BACKUP TIME	8 to 10 Hrs
BATTERY TYPE	3.7V , 200mAH Lithium Ion Battery.
BATTERY LOW CUTOFF	PRESENT
CHARGING FULL BATTERY CUTOFF	PRESENT
CHARGER TYPE	ELECTRICAL CHARGER
LENS	PRIMARY & SECONDARY (SMALL)
PRODUCT CODE	INSLAPLNSLED-01

INDUSTRIAL , IP65, POLY CARBONATE FIXTURE FOR 2X36W TUBE LIGHTS WITH LED EMERGENCY LIGHTS



Short Description:

This is an Industrial IP65 Fixture of 2X36W configuration ideal for Industrial use, Water Tunnel Projects, Railway Tunnel projects etc. This product is available in both 110V AC & 220V AC versions . It is also available with additional LED Emergency Lighting module that provides un-interrupted backup upto 60 Mins / 90 Mins. The LED lighting module instantaneously starts on power failure and turns OFF automatically on power restoration. The biggest advantage is that in event that both the tubelights fail or break, the emergency lighting module still provides illumination till the tubes are replaced *. LED Ensures very long life of emergency lighting module.

Technical Specifications:	
VERSIONS	For 1X36W Tubelight & 2X36W Tubelight
Ballast Type :	Electronic Ballast 1X36W or 2X36W
Protection :	IP65 Enclosure
Enclosure Type :	Poly –Carbonate.
LED Emergency Lighting Module	SMD LED , 20 WATTS. (Only in Emergency Model)
Backup time	60 Mins Version / 90 Mins Version (Only in Emergency Model)
Operating Voltage :	110 V AC / 220V AC Both versions Available, 50 /60 Hz.
Model 2X36W without Battery Backup	OES/110-2X36W/PLYC
Model 2X36W with Battery Backup	OES/110-2X36W/PLYC/BB
Minimum Order Quantity	50 PCS



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SOLAR AND LED

Thank you for sparing your valuable time ...