



Our Integrated Solar Street Lights are included with Solar Panel, LED Lamp and the Li-Ion Battery into a single unit. It consumes low-energy, runs longtime, very high luminance and maintenance free.

OPERATION

Light will glow in full bright mode for first 4 hrs, after 4hrs light will dim to 33% power and motion sensor will activate to detection of motion. If any motion is detected in 12M area around the light, it will glow in full bright mode for 2 min, after that it will come to 33% power.

FEATURES

Compact design with integrated Solar panel, LED light, motion sensor, Li-ion battery and Solar charge controller

Completely Off-Grid design with very easy installation

Microprocessor based design enables intelligent and efficient working

Lithium ion battery technology provides long and maintenance free product life

PIR Motion sensor adjusts LED brightness to extend light backup time

Automatic Dusk-to-Dawn operation and Solar panel dirty indication LED

INTEGRATED SOLAR STREET LIGHT



Application

- ➔ Airport Lighting
- ➔ Highway and roadway lighting
- ➔ Park and Playground lighting
- ➔ Industrial lighting and commercial lighting
- ➔ Outdoor security lighting

Technical Data

MODEL		GKM-SIL15	GKM-SIL25	GKM-SIL45	GKM-SIL70	GKM-SIL100	GKM-SIL130
LED PARAMETER	POWER	15W	25W	45W	70W	100W	130W
	LED BRAND	OSRAM / SAMSUNG / LUMILEDS / EDISON / PHILIPS / CREE / SEOUL / NICHIA / EVERLIGHT					
	LUMINOUS	600 LM	900 LM	1800 LM	2400 LM	3000 LM	4000 LM
	LIFE SPAN	50000 HOURS					
SOLAR PANEL PARAMETER	POWER	15-25 W	25-35 W	30-50 W	40-80 W	80-150 W	100-200 W
	MATERIAL	HIGH EFFICIENCY MONO/ POLY CRYSTALLINE SILICON CELL					
	LIFE SPAN	25 YEARS					
BATTERY PARAMETER	CAPACITY	12.8V/10AH	12.8V/15AH	12.8V/20AH	12.8V/32AH	12.8V/40AH	12.8V/75AH
	MATERIAL	PURE TERNARY, LOW INTERNAL RESISTANCE LITHIUM Po4 BATTERY WITH 5 YEAR WARRANTY					
	LIFE SPAN	5 YEARS					
OPERATION MODE	MODE	LIGHT DEPENDENT CONTROL	PR SENSOR & LIGHT DEPENDENT CONTROL		PR SENSOR, LIGHT DEPENDENT CONTROL, DELAYED INDUCTION & TIME CONTROL		
WORKING HOURS		2-3 DAYS					
SHELL MATERIAL		BAKING PAINT FOR IRON		ALUMINIUM ALLOY FOR OXIDATION TREATMENT			
IP GRADE	CERTIFICATE	MNRE TESTED, CE, ISO 9000 & ISO 14000, BIS					
WARRANTY		2 YEARS / 5 YEARS					

“ POWERING A WORLD THAT’S ALWAYS ON ”



Solar LED lights are a great option for lot lighting as they are off grid and require no trenching. MINDA SOLAR offers the most cost-effective, long-term solution to optimize the energy efficiency of your business or commercial property. Solar LED lights can help protect your business and pedestrians, better appealing to customers. Solar powered lights are the best solution of energy.

SOLAR LED STREET LIGHT



Features

- Dusk to down Operation.
- Deep discharge protection.
- Reverse Polarity protection
- Low Battery Indication.
- Battery Charging Indication.
- Reverse Polarity protection.
- Free of ultraviolet radiation.
- Dimmable Operation.

Application

- ⇒ Airport Lighting
- ⇒ Highway and roadway lighting
- ⇒ Park and Playground lighting
- ⇒ Industrial lighting and commercial lighting
- ⇒ Outdoor security lighting



Technical Data

MODEL		GKM-SIL15	GKM-SIL25	GKM-SIL45	GKM-SIL70	GKM-SIL100	GKM-SIL130
LED PARAMETER	POWER	15W	25W	45W	70W	100W	130W
	LED BRAND	OSRAM / SAMSUNG / LUMILEDS / EDISON / PHILIPS / CREE / SEOUL / NICHIA / EVERLIGHT					
	LUMINOUS	600 LM	900 LM	1800 LM	2400 LM	3000 LM	4000 LM
	LIFE SPAN	50000 HOURS					
SOLAR PANEL PARAMETER	POWER	15-25 W	25-35 W	30-50 W	40-80 W	80-150 W	100-200 W
	MATERIAL	HIGH EFFICIENCY MONO/ POLY CRYSTALLINE SILICON CELL					
	LIFE SPAN	25 YEARS					
BATTERY PARAMETER	CAPACITY	12.8V/10AH	12.8V/15AH	12.8V/20AH	12.8V/32AH	12.8V/40AH	12.8V/75AH
	MATERIAL	PURE TERNARY, LOW INTERNAL RESISTANCE LITHIUM Po4 BATTERY WITH 5 YEAR WARRANTY					
	LIFE SPAN	5 YEARS					
OPERATION MODE	MODE	LIGHT DEPENDENT CONTROL	PR SENSOR & LIGHT DEPENDENT CONTROL		PR SENSOR, LIGHT DEPENDENT CONTROL, DELAYED INDUCTION & TIME CONTROL		
WORKING HOURS		2-3 DAYS					
SHELL MATERIAL		BAKING PAINT FOR IRON	ALUMINIUM ALLOY FOR OXIDATION TREATMENT				
IP GRADE	CERTIFICATE	MNRE TESTED, CE, ISO 9000 & ISO 14000, BIS					
WARRANTY		2 YEARS / 5 YEARS					



GKM ENERGY PVT. LTD.
B-19 3rd Floor, Sector 63, Noida,
Uttar Pradesh-201301

1800 123 1994
info@mindasolar.in
www.mindasolar.in