

## All in one LED Lamps

HES All in one lamps combining solar and LED technology. The best solution for areas that doesn't have electricity supply, remote places without good communications and electricity supply .

The system charges the battery during the day and illuminate at night. Due to the use of LED technology, is able to maximize all the solar energy and illuminate the environment with radiant and splendid light.



### Features

- \*7days more continuous lighting, even in rainy days
- \*3 lighting modes to fit different working environment
- \*Upgraded intelligent controller
- \*Easy to replace controller and battery
- \*Solar panel: High efficiency silicon
- \*Battery: LiFePO4 battery with more than 2000 recycle times



### Applications

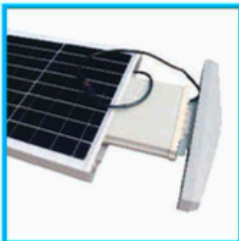
Garden, Residence, Courtyard  
Cross walk, Roadway  
Mine, Parking lot  
Areas with no electrical supply



### Certifications



**Easy to replace controller**  
**Battery pack, protect battery from high temperature**  
**Intelligence controller system**



## Specification

<b>Solar street light</b>		<b>Model: DM-820</b>
Main Lamps material	Aluminium Alloy	
Mono Solar panel	Max Power	38W
Battery	li-ion battery	3.7V 140WH
	LiFePO4 battery	3.2V 134WH
LED	Led chip brand	Bridgelux from USA with high brightness
	Lumen(LM)	2200-2400LM
	CCT (k)	6000-7000k
	Life Time	50000 hours
Lighting Viewing Angle	140° × 70°	
Working TEMP( °C )	-20° ~+60°	
Working Mode	1. Time Control Mode, 2.Sensing Mode, 3.Time Control + Sensoring Mode (Switched by smart remote control)	
Charge time(by sun):	8-10hours (with enough strong shine)	
Discharge time	10-12 hours per night    5-7rainy days	
Certificate	CE/ROHS/IP66	
Packing	Product size	724*315*206 mm
	Packing size	Box 1 : 830*390*120 mm (Lamp body) Box 2 : 350*290*220mm (Accessories)
	Net weight	6.5kg
	Gross weight	8kg
	Packing way	1sets/2carton
Packs Containers	20ft container	541pcs
	40gp container	1044pcs
Installation height	5-6meters	Suggestion distance      20-25meters



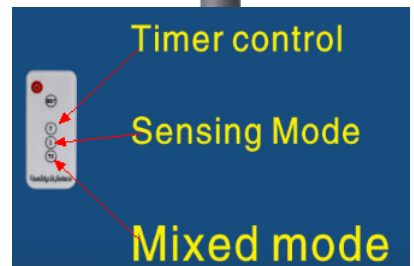
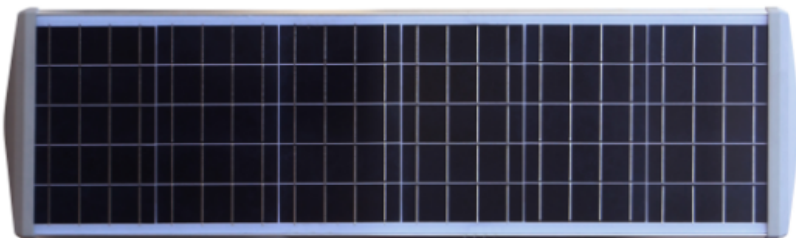
## Specification

Solar street light		Model: DM-830	
Main Lamps material	Aluminium Alloy		
Mono Solar panel	Max Power	47W	
Battery	li-ion battery	3.7V 192WH	
	LiFePO4 battery	3.2V 179WH	
LED	Led chip brand	Bridgelux from USA with high brightness	
	Lumen(LM)	3300-3600LM	
	CCT (k)	6000-7000k	
	Life Time	50000 hours	
Lighting Viewing Angle	140° × 70°		
Working TEMP( °C )	-20° ~+60°		
Working Mode	1. Time Control Mode, 2.Sensing Mode, 3.Time Control + Sensing Mode (Switched by smart remote control)		
Charge time(by sun):	8-10hours (with enough strong shine)		
Discharge time	10-12 hours per night    5-7rainy days		
Certificate	CE/ROHS/IP66		
Packing	Product size	882*315*206 mm	
	Packing size	Box 1 : 990*390*120 mm (Lamp body) Box 2 : 350*290*220mm (Accessories)	
	Net weight	10kg	
	Gross weight	12kg	
	Packing way	1sets/2carton	
Packs Containers	20ft container	481pcs	
	40gp container	927pcs	
Installation height	5-6meters	Suggestion distance	25-30meters



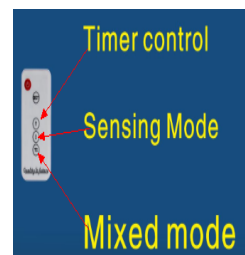
## Specification

Solar street light		Model: DM-840	
Main Lamps material	Aluminium Alloy		
Mono Solar panel	Max Power	55W	
Battery	li-ion battery	3.7V 251WH	
	LiFePO4 battery	3.2V 224WH	
LED	Led chip brand	Bridgelux from USA with high brightness	
	Lumen(LM)	4400-4800LM	
	CCT (k)	6000-7000k	
	Life Time	50000 hours	
Lighting Viewing Angle	140° × 70°		
Working TEMP( °C )	-20° ~+60°		
Working Mode	1. Time Control Mode, 2.Sensing Mode, 3.Time Control + Sensoring Mode (Switched by smart remote control)		
Charge time(by sun):	8-10hours (with enough strong shine)		
Discharge time	10-12 hours per night    5-7rainy days		
Certificate	CE/ROHS/IP66		
Packing	Product size	1031*315*206 mm	
	Packing size	Box 1 : 1140*390*120 mm (Lamp body) Box 2 : 350*290*220mm (Accessories)	
	Net weight	12kg	
	Gross weight	14kg	
	Packing way	1sets/2carton	
Packs Containers	20ft container	435pcs	
	40gp container	839pcs	
Installation height	6-7meters	Suggestion distance	25-30meters



## Specification

Solar street light		Model: DM-850	
Main Lamps material	Aluminium Alloy		
Mono Solar panel	Max Power	66W	
Battery	li-ion battery	3.7V 303WH	
	LiFePO4 battery	3.2V 268WH	
LED	Led chip brand	Bridgelux from USA with high brightness	
	Lumen(LM)	5500-6000LM	
	CCT (k)	6000-7000k	
	Life Time	50000 hours	
Lighting Viewing Angle	140° × 70°		
Working TEMP(°C)	-20° ~+60°		
Working Mode	1. Time Control Mode, 2.Sensing Mode, 3.Time Control + Sensing Mode (Switched by smart remote control)		
Charge time(by sun):	8-10hours (with enough strong shine)		
Discharge time	10-12 hours per night    5-7rainy days		
Certificate	CE/ROHS/IP66		
Packing	Product size	1198*315*206 mm	
	Packing size	Box 1 : 1310*390*120 mm (Lamp body) Box 2 : 350*290*220mm (Accessories)	
	Net weight	14kg	
	Gross weight	16.5kg	
	Packing way	1sets/2carton	
Packs Containers	20ft container	395pcs	
	40gp container	762pcs	
Installation height	7-8meters	Suggestion distance	25-30meters





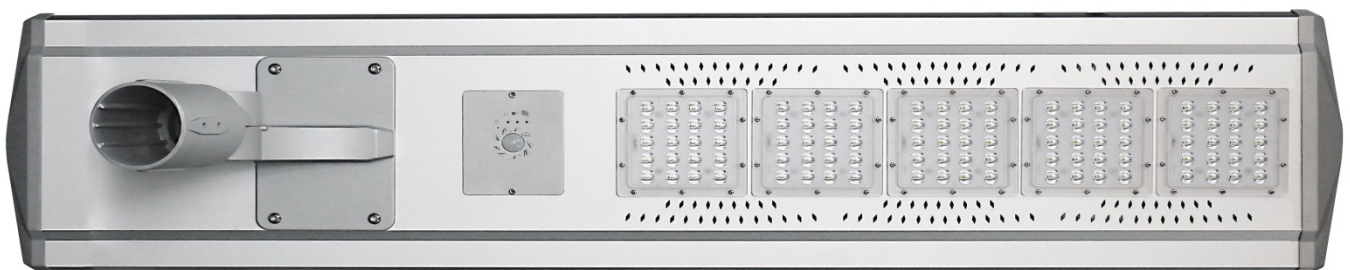
## Specification

Solar street light		Model: DM-860	
Main Lamps material	Aluminium Alloy		
Mono Solar panel	Max Power	75W	
Battery	li-ion battery	3.7V 362WH	
	LiFePO4 battery	3.2V 313WH	
LED	Led chip brand	Bridgelux from USA with high brightness	
	Lumen(LM)	6600-7200LM	
	CCT (k)	6000-7000k	
	Life Time	50000 hours	
Lighting Viewing Angle	140° × 70°		
Working TEMP( °C )	-20° ~+60°		
Working Mode	1. Time Control Mode, 2.Sensing Mode, 3.Time Control + Sensoring Mode (Switched by smart remote control)		
Charge time(by sun):	8-10hours (with enough strong shine)		
Discharge time	10-12 hours per night    5-7rainy days		
Certificate	CE/ROHS/IP66		
Packing	Product size	1356*315*206 mm	
	Packing size	Box 1 : 1460*390*120 mm (Lamp body) Box 2 : 350*290*220mm (Accessories)	
	Net weight	16.5kg	
	Gross weight	19kg	
	Packing way	1sets/2carton	
Packs Containers	20ft container	351pcs	
	40gp container	678pcs	
Installation height	7-8meters	Suggestion distance	25-30meters



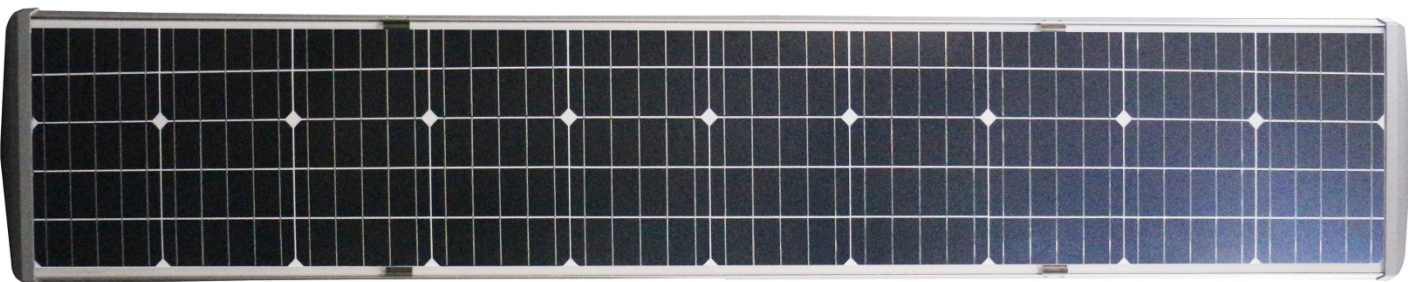
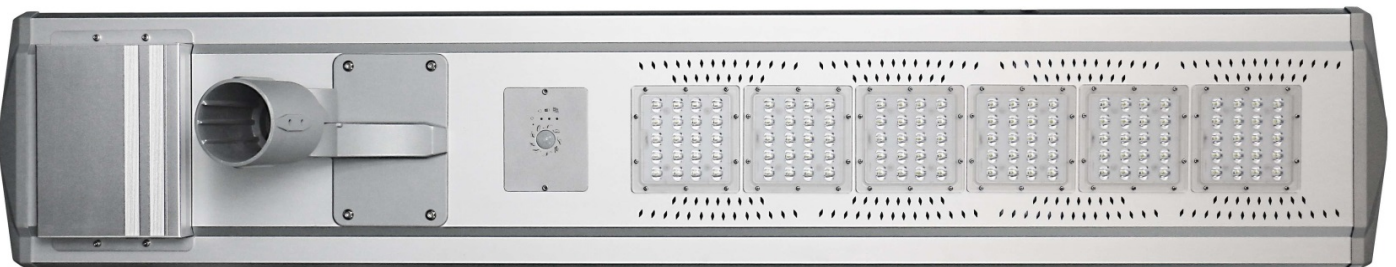
## Specification

Solar street light		Model: DM-880	
Main Lamps material	Aluminium Alloy		
Mono Solar panel	Max Power	85W	
Battery	li-ion battery	3.7V 388WH	
	LiFePO4 battery	3.2V 358WH	
LED	Led chip brand	Bridgelux from USA with high brightness	
	Lumen(LM)	8800-9600LM	
	CCT (k)	6000-7000k	
	Life Time	50000 hours	
Lighting Viewing Angle	140° × 70°		
Working TEMP( °C )	-20° ~+60°		
Working Mode	1. Time Control Mode, 2.Sensing Mode, 3.Time Control + Sensing Mode (Switched by smart remote control)		
Charge time(by sun):	8-10hours (with enough strong shine)		
Discharge time	10-12 hours per night    5-7rainy days		
Certificate	CE/ROHS/IP66		
Packing	Product size	1514*315*206 mm	
	Packing size	Box 1 : 1620*390*120 mm (Lamp body) Box 2 : 350*290*220mm (Accessories)	
	Net weight	18.5kg	
	Gross weight	21.5kg	
	Packing way	1sets/2carton	
Packs Containers	20ft container	334pcs	
	40gp container	644pcs	
Installation height	8-9meters	Suggestion distance	25-30meters



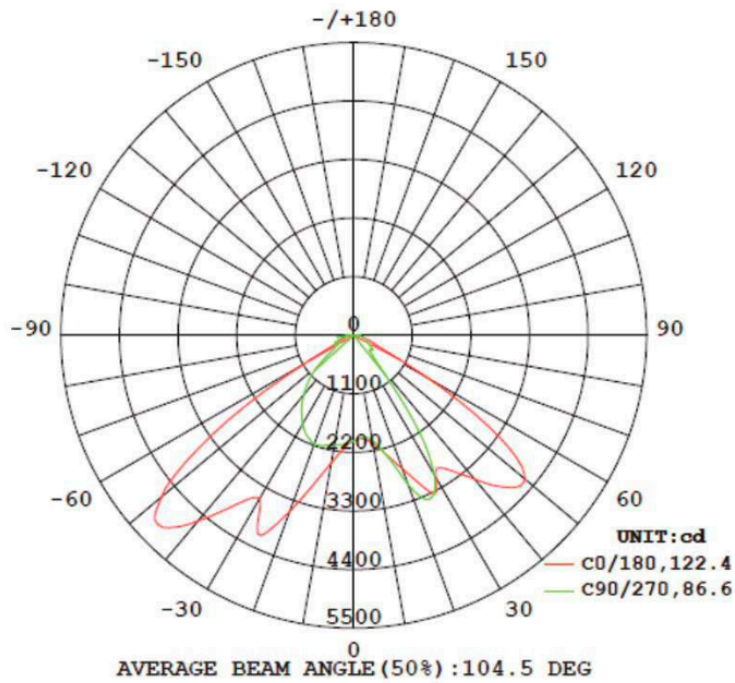
## Specification

<b>Solar street light</b>		<b>Model: DM-8100</b>
Main Lamps material	Aluminium Alloy	
Mono Solar panel	Max Power	95W
Battery	li-ion battery	/
	LiFePO4 battery	3.2V 499WH
LED	Led chip brand	Bridgelux from USA with high brightness
	Lumen(LM)	10,000LM
	CCT (k)	6000-7000k
	Life Time	50000 hours
Lighting Viewing Angle	140° × 70°	
Working TEMP( °C )	-20° ~+60°	
Working Mode	1. Time Control Mode, 2.Sensing Mode, 3.Time Control + Sensoring Mode (Switched by smart remote control)	
Charge time(by sun):	8-10hours (with enough strong shine)	
Discharge time	10-12 hours per night 5-7rainy days	
Certificate	CE/ROHS/IP66	
Packing	Product size	1690*315*90 mm
	Packing size	Box 1 : 1720*410*150 mm (lamp body) Box 2 : 270*250*160mm (Accessories)
	Net weight	
	Gross weight	
	Packing way	1sets/2carton
Packs Containers	20ft container	300pcs
	40gp container	730pcs
Installation height	10-12meters	Suggestion distance 25-30meters





## Light distribution curves



### DM880 6M POLE

