

PC OFF-GRID SOLAR POWER SYSTEM



LG Certified SHS:

Lighting Global Certified Solar Home Systems (with LFP battery)

Item No	Model	LM-LFP010	LM-LFP020	LM-LFP030	LM-LFP045	LM-LFP060	LM-LFP080	LM-LFP100
	Product Image							
1	Poly-Type PV Module	10W/16V	20W/16V	30W/16V	45W/16V	60W/16V	80W/16V	100W/16V
2	PV Cable	Rvv 2*0.3mm ² *5m, 1pc	Rvv 2*0.3mm ² *5m, 1pc	Rvv 2*0.5mm ² *5m, 1pc	Rvv 2*1.0mm ² *5m, 1pc	Rvv 2*1.0mm ² *5m, 1pc	Rvv 2*1.5mm ² *5m, 1pc	Rvv 2*1.5mm ² *5m, 1pc
3	PWM Type Controller	3A	5A	5A	10A	10A	10A	10A
4	System box	Built-in controller and battery	Built-in controller and battery	Built-in controller and battery	Built-in controller and battery	Built-in controller and battery	Built-in controller and battery	Built-in controller and battery
5	Lithium-ion Battery	4AH/12.8V	8AH/12.8V	12AH/12.8V	16AH/12.8V	20AH/12.8V	28AH/12.8V	40AH/12.8V
6	LED Bulb	constant current source, 2W*3pcs	constant current source, 2W*3pcs	constant current source, 3W*3pcs	constant current source, 3W*3pcs	constant current source, 3W*3pcs	constant current source, 5W*4pcs	constant current source, 5W*4pcs
7	Bulb Cable	Rvv 2*0.3mm ² *5m, 3pcs	Rvv 2*0.3mm ² *5m, 3pcs	Rvv 2*0.3mm ² *5m, 3pcs	Rvv 2*0.3mm ² *5m, 3pcs	Rvv 2*0.3mm ² *5m, 3pcs	Rvv 2*0.3mm ² *5m, 4pcs	Rvv 2*0.3mm ² *5m, 4pcs
8	Accessories	4-in-1 USB cable, User manual	4-in-1 USB cable, User manual	4-in-1 USB cable, User manual	4-in-1 USB cable, User manual	4-in-1 USB cable, User manual	4-in-1 USB cable, User manual	4-in-1 USB cable, User manual
9	Port	5V/1A USB port*2, 12.8V/0.5A LED port*4	5V/1A USB port*2, 12.8V/0.5A LED port*4	5V/1A USB port*1, 12.8V/1A DC port*5	5V/1A USB port*1, 12.8V/1A DC port*5	5V/1A USB port*1, 12.8V/1A DC port*5	5V/1A USB port*2, 12.8V/1A LED port*5, 12.8V/5A DC port*3, 12.8V/8A Cigarette Lighter socket*1	5V/1A USB port*2, 12.8V/1A LED port*5, 12.8V/5A DC port*3, 12.8V/8A Cigarette Lighter socket*1
10	Working Hours (After fully charged)	8 hours with 2W(190lm) LED Bulb*3	15 hours with 2W(190lm) LED Bulb*3	19 hours with 3W(280lm) LED Bulb*3	24 hours with 3W(280lm) LED Bulb*3	32 hours with 3W(280lm) LED Bulb*3	16 hours with 5W(450lm) LED Bulb*4	26 hours with 5W(450lm) LED Bulb*4
11	Packing Dimension (L*W*H)	390*270*130mm	390*270*130mm	570*180*250mm	570*180*250mm	570*180*250mm	690*210*208mm	690*210*208mm
12	Weight	1.73Kg	2.5Kg	2.7Kg	3Kg	3.5Kg	10Kg	13Kg
	Warranty	3Years	3Years	3Years	3Years	3Years	3Years	3Years
	Loading Quantity	1400 sets/20GP, 3200 sets/40HQ	504 sets/20GP, 1050 sets/40HQ	504 sets/20GP, 1050 sets/40HQ	504 sets/20GP, 1050 sets/40HQ	440 sets/20GP, 900 sets/40HQ	340 sets/20GP, 880 sets/40HQ	340 sets/20GP, 880 sets/40HQ
	Loading Quantity	1400 sets/20GP, 3200 sets/40HQ	720 sets/20GP, 1600 sets/40HQ	504 sets/20GP, 1050 sets/40HQ	504 sets/20GP, 1050 sets/40HQ	440 sets/20GP, 900 sets/40HQ	340 sets/20GP, 880 sets/40HQ	340 sets/20GP, 880 sets/40HQ

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7	Bulb Cable	Rvv 2*0.3mm ² *5m, 3pcs	Rvv 2*0.3mm ² *5m, 3pcs	Rvv 2*0.3mm ² *5m, 3pcs	Rvv 2*0.3mm ² *5m, 3pcs	Rvv 2*0.3mm ² *5m, 3pcs	Rvv 2*0.3mm ² *5m, 4pcs	Rvv 2*0.3mm ² *5m, 4pcs
8	Accessories	4-in-1 USB cable, User manual	4-in-1 USB cable, User manual	4-in-1 USB cable, User manual	4-in-1 USB cable, User manual	4-in-1 USB cable, User manual	4-in-1 USB cable, User manual	4-in-1 USB cable, User manual
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Warranty		3Years	3Years	3Years	3Years	3Years	3Years	3Years
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Other options for Solar Home System

Smooth appearance design, easy to operate man-machine interaction, safety protection system, built-in lithium battery, common load can be used are 12V DC bulb, 12V DC tube, 12V DC fan, 12V DC TV (15-30w), etc., the system can be used for daily lighting or emergency lighting in the areas without electricity.



No.	System Capacity	Specification
1	60W	Solar Panel: 60W Battery: 11.1V42Ah NMC battery or smaller size Controller: 10A LED lamp 3W*4pcs, LED tube 5W*1pc
2	100W	Solar Panel: 100W Battery: 11.1V74Ah NMC battery or smaller size Controller: 10A LED lamp 3W*4pcs, LED tube 5W*1pc

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PC OFF-GRID SOLAR POWER SYSTEM

Solar Power System (AC Syetem)

Concise design, convenient installation method, built-in pure sine wave AC inverter can provide AC 230V voltage to meet the user AC demand, common load can be used are AC lamps, AC fan, computer, TV, etc., user can choose a variety of models according to different demand, 180W system can provide maximum 200W power, 380W system can provide maximum 300W power, 480W system can provide maximum 400W power.



No.	System Capacity	Specification
1	190W	Solar Panel: 190W Battery: LFP 25.6V72Ah or NMC 22.2V82Ah Controller:10A Inverter: 200W; LED Tube and LED lamp
2	380W	Solar Panel: 380W Battery: LFP 25.6V150Ah or NMC 22.2V170Ah Controller:20A Inverter: 200W; LED Tube and LED lamp
3	480W	Solar Panel: 190W Battery: LFP 25.6V180Ah or NMC 22.2V206Ah Controller:30A Inverter: 200W; LED Tube and LED lamp

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PC OFF-GRID SOLAR POWER SYSTEM

Solar Street Light



We choose a separated design in solar street light system, user can install the solar panel and street light lamp in its much suitable direction and they won't influence each other.

We take an safety installation design, battery box is under solar panel to prevent from heat.

No.	System Capacity	Specification
1	Solar Street Light	Solar Panel: 70W Battery: LFP 12.8V 30Ah or NMC 11.1V 30Ah Controller: 10A LED Light (Integrated): 10W

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