



## MiGi Standard – Solar Panel Power 50 / 70 / 100watt

MiGi Standard Series : No App controller and monitoring

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MiGi Standard Solar panels are those devices which are used to absorb the sun's rays and convert them into electricity or heat. Description: A solar panel is actually a collection of solar (or photovoltaic) cells, which can be used to generate electricity through photovoltaic effect.

Grade A 50watt, 70watt and 100watt Mono Crystalline Cell Monocrystalline solar panel 18Vmp18V system charger. It will take a 40 watt solar panel 7 days to charge a 100ah 12V battery. This is assuming the solar panel produces 200 watts a day. If the battery is discharged at 50%, it will take 3 to 4 days to charge.

50W solar panel with 18 open circuit voltage may produce 2.78A  
70W solar panel with 18 open circuit voltage may produce 4.1A  
100W solar panel with 18 open circuit voltage may produce 5.5A

## PRODUCT DETAIL

- Modular Design  
5°/15°/25°/35°/45°/55° Adjustable Angles  
Intelligent Auxiliary Heating Technology  
Maximum Power Point Tracking (MPPT) Charging Controller  
NON App Remote Management  
Plug and Play Installation
- Crystal Solar Panel  
Power 50W / 70W / 100W  
Voltage 18 V
- Dimensions (L x W x H)  
50W :540 x 510 x 25mm  
70W : 671 x 540 x 25mm  
100W :770 x 671 x 25mm
- Angle adjustment (manually)  
Range 5°/15°/25°/35°/45°/55°
- Battery Type LifePO4
- Intelligent Auxiliary Heat Yes
- Battery Capacity upto 60,000mAh
- Voltage 18 V
- Max. Output Voltage Jack 12.6 V / 23.8 V or PoE 23.8V
- Battery Life More than max. up to 2,000 to 10,000 cycles
- Charging Condition  
-30°C ~ 65°C  
-30°C~65°C (With intelligent auxiliary heating)
- Discharging Condition  
-20°C~60°C  
-30°C~60°C (With intelligent auxiliary heating)
- Hardware
- Interface 2 × USB Power 5V
- Optional Selection 1 × 10/100/1000 Mbps RJ45 POE Power  
1.8 / 23.8V CAT6 (IP66)  
1 × Photovoltaic Panel Connector  
1 × 5.5mm DC Power Plugs (#1, #2: 9V-12.6 VDC/2A,  
#3: 12 VDC/2A)
- Software Features No  
(Available in MIGI Premium & MIGI Pro Series)
- Load Control Yes
- High&Low Temperature Protection Yes
- Overdischarge Protection Yes
- Power Consumption Statistics Yes
- Displays Real-time Load Status Yes
- Battery Level Display No
- Time Zone Selection No
- Region Selection No
- Schedule Saving No
- Firmware Remote Update No
- Remote Reboot No
- Local LAN Management No
- Smart Charging Control -30°C~5°C
- Account Management No
- Web Management No
- Remote Reset No
- Remote Message Push No

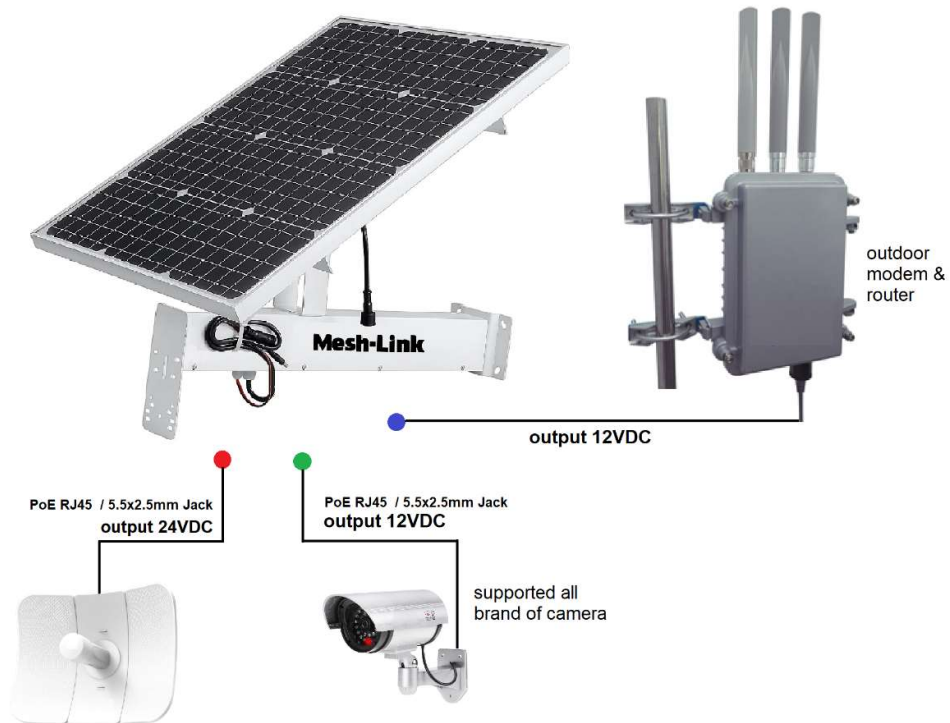
**MODEL : MIGI Standard Series**

- Certification  
CB, PSE (Battery)  
CE, FCC, VCCI, IC, IP65
- Package Contents  
MIGI Standard Series C50WS / C70WS / C100WS  
Quick Start Guide  
Waterproof Cable Attachments  
Mounting Accessories
- Weight  
Product weight: 16 kg  
Package weight: 19kg
- Environment  
Operating Temperature: -30°C-65°C (With intelligent auxiliary heating)  
Operating Humidity: 10%~90%RH, Non-condensing

**PRODUCT FEATURES**

- Supported All type of CCTV Camera ( HikVision / Dahua / Tp-link VIGI or Tapo / D-Link / Tenda / SmartHome / SriHome )
- Solar Panel : 18V with 50W / 70W / 100W (Charging speed)
- Battery capacity : 10,000mAh / 20,000mAh / 30,000mAh / 40,000mAh / 50,000mAh / 60,000mAh
- The Best LifePO4 battery and long lifespan and heat up to 65 C industrial standard
- IP65 Waterproof
- Power Connector : 5.5mm Jack for 12V/24V or PoE 12V/24V with 2 x USB Port Power

## Connection diagram



5.5 x 2.5mm Jack or RJ45 POE power are widely used in all type of outdoor devices such like Internet for wireless AP access, surveillance camera access or other equipment that requires POE power supply. They provide remote power supply in POE and POE+ mode, solving the problem of power cables being unable to be laid or being inaccessible to the greatest extent.

## SPECIFICATION

- ◆ Product name: MIGI Standard Solar Solution Series
- ◆ Product model: MIGI Standard
- ◆ Product description: Solar Power for CCTV camera, AP, Modem
- ◆ Lightning protection level: Level 3 lightning protection
- ◆ Battery : LifePo4 10Ah, 20Ah, 30Ah, 50Ah, 60Ah
- ◆ MPPT : Standard Solar controller
- ◆ Port : 2 x USB and 5.5 x 2.5mm Jack / RJ45 PoE connector
- ◆ Supported protocols: IEEE 802.3, IEEE 802.3u, IEEE 802.3x
- ◆ Working environment: Temperature: -30°C~75°C, Humidity: 0~95% (no condensation)
- ◆ Power supply: built-in power adapter
- ◆ DC Power output : 12V / 24V
- ◆ Weight: 15KG/set
- ◆ Origin: Shenzhen, China

MODEL : MIGI Standard Series

**Model Series :**

Description	Model name
50watt Solar Panel + Standard MPPT + 10AH LifePo4 battery + IP67 Chasis	MIGI C50WS-10A
50watt Solar Panel + Standard MPPT + 20AH LifePo4 battery + IP67 Chasis	MIGI C50WS-20A
50watt Solar Panel + Standard MPPT + 30AH LifePo4 battery + IP67 Chasis	MIGI C50WS-30A
50watt Solar Panel + Standard MPPT + 40AH LifePo4 battery + IP67 Chasis	MIGI C50WS-40A
70watt Solar Panel + Standard MPPT + 30AH LifePo4 battery + IP67 Chasis	MIGI C70WS-30A
70watt Solar Panel + Standard MPPT + 40AH LifePo4 battery + IP67 Chasis	MIGI C70WS-40A
70watt Solar Panel + Standard MPPT + 50AH LifePo4 battery + IP67 Chasis	MIGI C70WS-50A
70watt Solar Panel + Standard MPPT + 60AH LifePo4 battery + IP67 Chasis	MIGI C70WS-60A
100watt Solar Panel + Standard MPPT + 10AH LifePo4 battery + IP67 Chasis	MIGI C100WS-30A
100watt Solar Panel + Standard MPPT + 10AH LifePo4 battery + IP67 Chasis	MIGI C100WS-40A
100watt Solar Panel + Standard MPPT + 10AH LifePo4 battery + IP67 Chasis	MIGI C100WS-50A
100watt Solar Panel + Standard MPPT + 10AH LifePo4 battery + IP67 Chasis	MIGI C100WS-60A