

MODEL : MIGI Standard Series



 **Bluetooth**[®]



APP remote control



MiGi Pro – Solar Panel Power 50 / 70 / 100watt

MiGi Pro Series : Bluetooth & App controller and monitoring

MiGi Pro 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.

The MPPT controller with WiFi and bluetooth connection which for the app can connect with internet for the globally remote control all features and monitoring the charging status and etc.

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
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 Yes
- Load Control Yes
- High&Low Temperature Protection Yes
- Overdischarge Protection Yes
- Power Consumption Statistics Yes
- Displays Real-time Load Status Yes
- Battery Level Display Yes
- Time Zone Selection Yes
- Region Selection Yes
- Schedule Saving Yes
- Firmware Remote Update Yes
- Remote Reboot Yes
- Local LAN Management Yes
- Smart Charging Control -30°C~5°C
- Account Management Yes
- Web Management Yes
- Remote Reset Yes
- Remote Message Push Yes

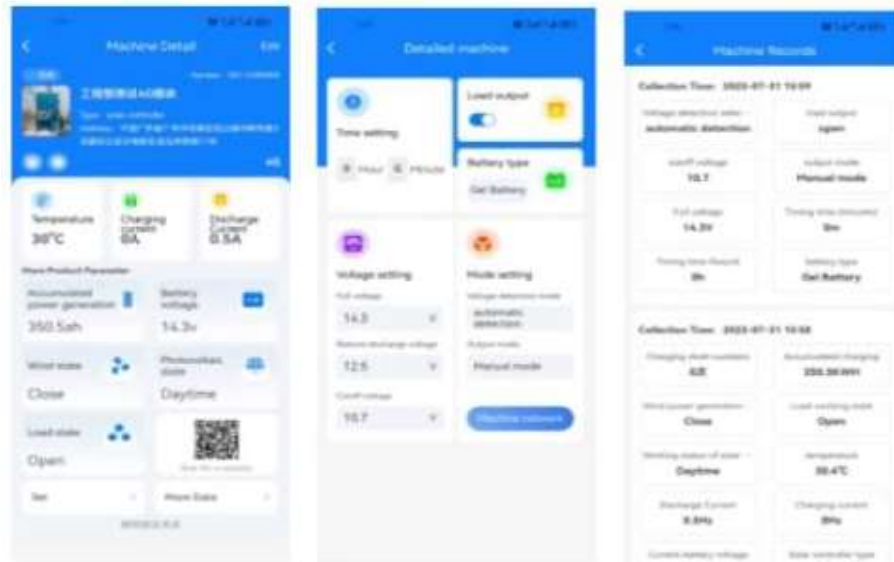
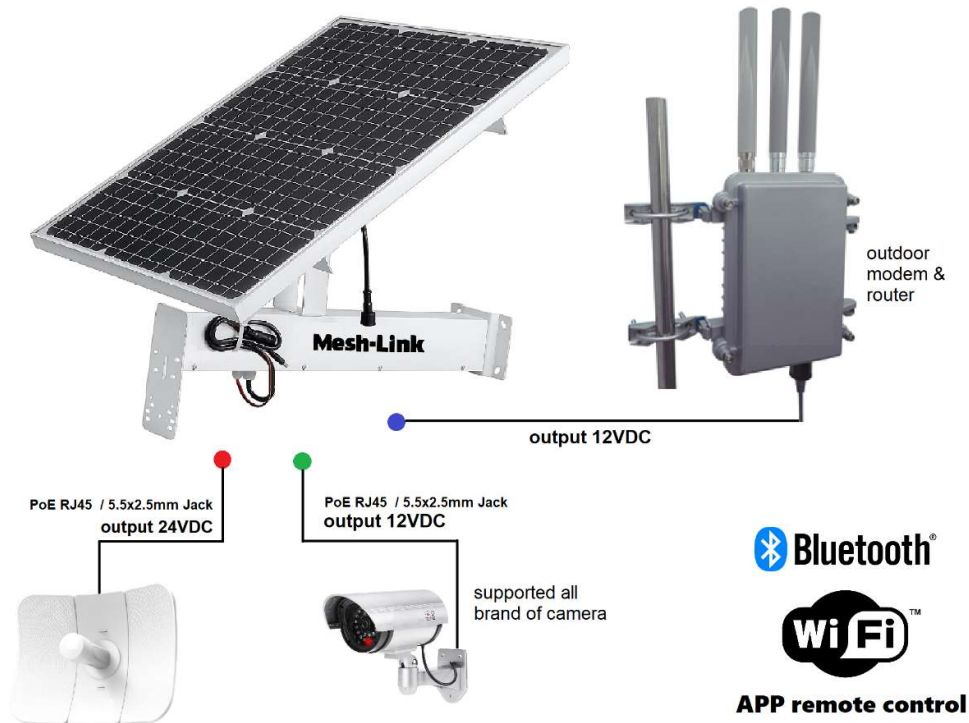
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- Certification
CB, PSE (Battery)
CE, FCC, VCCI, IC, IP65
- Package Contents
MIGI Pro Series C50WPRO / C70WPRO / C100WPRO
Quick Start Guide
Waterproof Cable Attachments
Mounting Accessories
- Weight
Product weight: 17 kg
Package weight: 16kg
- Environment
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 Pro Solar Solution Series
- ◆ Product model: MIGI Pro
- ◆ Product description: Solar Power for CCTV camera, AP, Modem
- ◆ Lightning protection level: Level 3 lightning protection
- ◆ Battery : LifePo4 10Ah, 20Ah, 30Ah, 50Ah, 60Ah
- ◆ MPPT : Professional Solar controller with app remote controller app
- ◆ 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: 16 KG/set
- ◆ Origin: Shenzhen, China

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Model Series :

Description	Model name
50watt Solar Panel + Pro MPPT + 10AH LifePo4 battery + IP67 Chasis + App Controller	MIGI C50WPRO-10A
50watt Solar Panel + Pro MPPT + 20AH LifePo4 battery + IP67 Chasis + App Controller	MIGI C50WPRO-20A
50watt Solar Panel + Pro MPPT + 30AH LifePo4 battery + IP67 Chasis + App Controller	MIGI C50WPRO-30A
50watt Solar Panel + Pro MPPT + 40AH LifePo4 battery + IP67 Chasis + App Controller	MIGI C50WPRO-40A
70watt Solar Panel + Pro MPPT + 30AH LifePo4 battery + IP67 Chasis + App Controller	MIGI C70WPRO-30A
70watt Solar Panel + Pro MPPT + 40AH LifePo4 battery + IP67 Chasis + App Controller	MIGI C70WPRO-40A
70watt Solar Panel + Pro MPPT + 50AH LifePo4 battery + IP67 Chasis + App Controller	MIGI C70WPRO-50A
70watt Solar Panel + Pro MPPT + 60AH LifePo4 battery + IP67 Chasis + App Controller	MIGI C70WPRO-60A
100watt Solar Panel + Pro MPPT + 30AH LifePo4 battery + IP67 Chasis + App Controller	MIGI C100WPRO-30A
100watt Solar Panel + Pro MPPT + 40AH LifePo4 battery + IP67 Chasis + App Controller	MIGI C100WPRO-40A
100watt Solar Panel + Pro MPPT + 50AH LifePo4 battery + IP67 Chasis + App Controller	MIGI C100WPRO-50A
100watt Solar Panel + Pro MPPT + 60AH LifePo4 battery + IP67 Chasis + App Controller	MIGI C100WPRO-60A