

Non-Stop Power Where the Sun Shines

VIGI Intelligent Solar Power
Supply Systems

SP18090 • SP9030 • SP6030 • SP6020



Why Choose Solar Products?

Solar Outdoor Power Solution

- Product pole installation without the need for digging and burying cables, freely deployable with no dead angles.
- Simple construction, no need for power outage or production stoppage during installation.

VS

Traditional Outdoor Power Solution

- Cable-powered setups require digging and burying cables, making it difficult to deploy in certain scenarios.
- Cable-powered construction poses greater difficulty and higher costs.

Why Choose a TP-Link Solar Intelligent Power Supply System?

TP-Link VIGI Solution

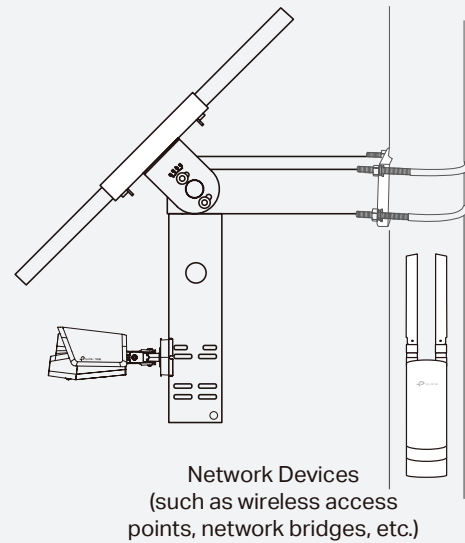
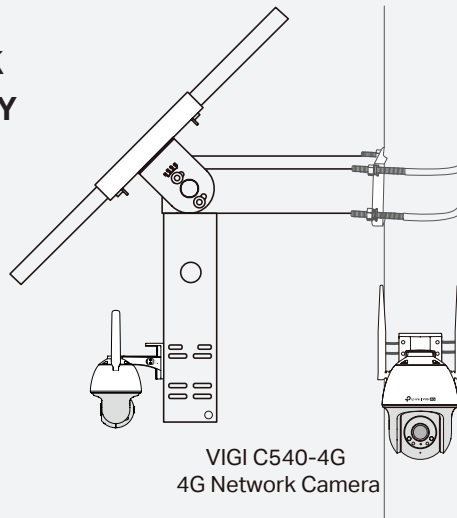
- MPPT Controller.
- Remote app management, check device status anytime; abnormal alerts, one-click remote reboot.
- TP-Link solar products are wind resistant and impact resistant, with a wind resistance level of up to 14.

VS

Standard Solution

- Standard solar panels and battery combinations are fixed and cannot adapt to various power supply needs.
- Difficulties in power supply under extreme outdoor climates.

NETWORK TOPOLOGY



- Capable of connecting up to 3 devices simultaneously, with support for independent output control.
- Works in a wide temperature range from -30°C to 60°C, supports intelligent heating assistance.
- Solar panels with adjustable angles, suitable for various regions.
- The intelligent controller adopts patented MPPT control technology, improving charging efficiency by 20%.
- Real-time self-checking, automatically restarts upon detecting faults or abnormalities.
- Through wind resistance and impact resistance tests, it can still operate in extreme weather conditions.
- Multiple safety protections, circuit supports overcharge, over-discharge, overcurrent, overtemperature, and short circuit protection.
- IP66 dustproof and waterproof rating, suitable for various outdoor scenarios.
- High-quality single crystal Grade A solar modules, with a conversion efficiency of up to 21.6% and a lifespan of over 25 years.

USAGE SCENARIO



VIGI Solar Power System SP9030 + VIGI C540-4G

TP-Link VIGI Solar Products + IPC Equipment + TP-Link VIGI App

HIGHLIGHTS

Working Hours on
Consecutive Rainy Days:
8.5 Days

On-load Charge on
Sunny Days:
1.5 Days

- 4G network, compatible with all major carriers
- Innovative fusion sensing technology, high-precision Smart Detection
- 4 million high-definition infrared pixels, freely switchable between infrared and full colour
- Horizontal and vertical dual-axis rotation, providing 360° all-round protection

VIGI Intelligent Solar Power Supply System Models

The TP-Link Solar Panel Systems deliver constant power to outdoor equipment such as network bridges and cameras. Perfect for areas where network and power deployment are tough. It eradicates wiring hassles and cuts investment costs.



SP18090*

- 1/2 60W/90W Customised Photovoltaic Panel and 1/2/3 31.2Ah @ 10.8V Customised Lithium Battery
- Modular Design
- 5°/15°/25°/35°/45°/55° Adjustable Angles
- Intelligent Auxiliary Heating Technology
- Maximum Power Point Tracking (MPPT) Charging Controller
- IP66 Weatherproof
- Remote Management
- Simple Installation

* All specifications are subject to change without notice.



SP9030

- 90W Photovoltaic Panel and 30Ah/10.8V Lithium Battery
- Modular Design
- 5°/15°/25°/35°/45°/55° Adjustable Angles
- Intelligent Auxiliary Heating Technology
- Maximum Power Point Tracking (MPPT) Charging Controller
- IP66 Weatherproof
- Remote Management
- Simple Installation



SP6030

- 60W Photovoltaic Panel and 31.2Ah/10.8V Lithium Battery
- 3× DC Voltage Output Ports
- Modular Design
- 5°/15°/25°/35°/45°/55° Adjustable Angles
- Intelligent Auxiliary Heating Technology
- Maximum Power Point Tracking (MPPT) Charging Controller
- IP66 Weatherproof
- Remote Management and Simple Installation



SP6020

- ◆ 60W Photovoltaic Panel and 20.8Ah/10.8V Lithium Battery
- ◆ 3× DC Voltage Output Ports
- ◆ Modular Design
- ◆ 5°/15°/25°/35°/45°/55° Adjustable Angles
- ◆ Intelligent Auxiliary Heating Technology
- ◆ Maximum Power Point Tracking (MPPT) Charging Controller
- ◆ IP66 Weatherproof
- ◆ Remote Management and Simple Installation

Solar Module: Sturdy and Impact-Resistant

The solar panels utilise high-quality SGCC galvanised steel, featuring premium aluminum alloy framing and a surface covered with 3.2mm high-strength tempered glass for enhanced impact resistance.

Anti-loose Washer

Prevents Screw Loosening

Anti-loose washers are installed at all screw fixation points to effectively prevent screw loosening, ensuring long-term stable operation of the solar panels.

Integrated Bracket High Rust Resistance

Utilising carbon dioxide gas shielded welding technology, the integrated bracket is formed in one piece to enhance rust resistance and strength.



Remote Monitoring

Control devices centrally, monitor power statistics, get low-battery alerts, update firmware, and reboot the system via the mobile app. Enjoy peace of mind, no matter your location.



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