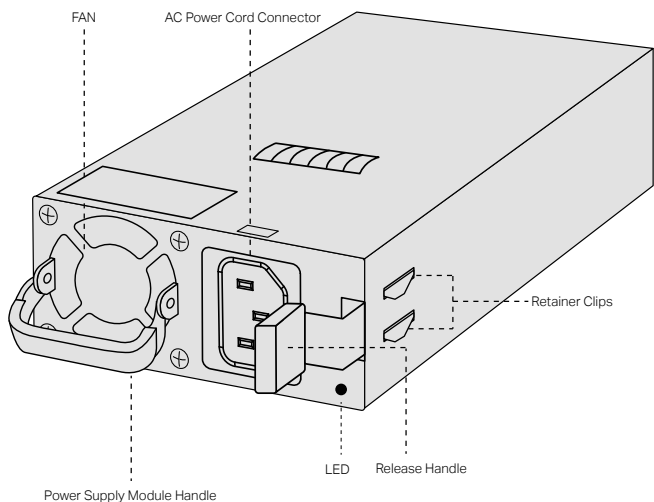


1 Appearance

The PSM200-AC is an AC-input power supply module. It can convert the input voltage to 12 V with the maximum output power of 200 W.



2 LED and Feature Explanation

LED Status	Description
Green On	Power supply module is powered on and running well, and supplying power to the device.
Green Flashing 1Hz	1. Power supply module is in standby mode with AC present. 2. Only +12Vstby output is present. 3. Power supply module is in a standby state as defined in the Cold Redundancy section of the CRPS (Common Requirements Specification) specification.
Green Flashing 2Hz	Power supply module is currently undergoing software upgrade.
Amber On	AC Status Abnormality Notification: AC cord unplugged or AC power lost; with a second power supply in parallel still with AC input power. Power Supply Critical Event Alert: Serious abnormal events occur and the power supply may not be supplying power. The circuit has faults, such as output over-voltage, output over-current, output over-temperature, output short circuit, input over-voltage, or fan failure.
Amber Flashing 1Hz	Power supply module is supplying power, but abnormal alarm events (high temperature/high power/high current/abnormal fan) occur.
Off	Power off or power supply fault.

Feature	Description
Protection Function	Includes protection of output over-voltage, output over-current, output over-temperature, and output short circuit.
Redundant Backup	Supports dual power modules combining in parallel to implement 1+1 redundancy for uninterruptible power supply.
Hot Swappable	In the case of 1+1 redundant power supply system, the power supply module can be plugged out or plugged in without shutting down the switch.

When the power module reverts to the protected state, its recovery features are as follows.

Protection Function	Protective Action	Recovery Characteristics
Output over-voltage protection	Power supply module locked and cut-off supply	Power supply module reverts into the auto-retry mode. It can recover automatically when the fault is cleared.
Output short circuit protection	Power supply module locked and cut-off supply	Power supply module reverts into the auto-retry mode. It can recover automatically when the fault is cleared.
Output over-current protection	Power supply module locked and cut-off supply	Power supply module reverts into the auto-retry mode. It can recover automatically when the fault is cleared.
Over-temperature protection	Power supply module locked and cut-off supply	The power supply module can not recover automatically and needs to be manually powered off and on again to recover.

Note:

When the power supply module is locked or auto-retry continually, you can try the following steps to restore the device.

1. Disconnect the power cord from the external power supply system.
2. Disconnect the power cord from the power supply module.
3. Remove the power supply module from the device.
4. Insert the power supply module again.
5. Connect the power cord to the power supply module again.
6. Connect the other end of the power cord to the external supply system.

3 Specification

	PSM900-AC
Power Input	100 V–240 V ~ 50/60 Hz 3A
Output Voltage	12 VDC
Output Current	16.5 A (Maximum)
Output Power	200 W (Maximum)
Temperature	Operation : 0°C to 50°C (32 to 122°F) Storage: -40°C to 70°C (-40 to 158°F)
Humidity	Operation : 10% to 90% RH Non-condensing Storage: 5% to 90% RH Non-condensing
Altitude	Sea level to 4000 m

4 Installation

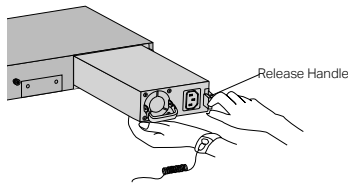
Safety Information

To avoid damage to the power supply module and the equipment and bodily injury, the product can only be used by instructed persons.

Please observe the following notes:

- When you install and remove the power supply module, please wear an ESD-preventive wrist strap, and make sure that it has good skin contact and is well grounded.
- Before installing the power supply module, make sure that the voltage of external power supply system is the same with the voltage marked in the power supply module, and the output voltage of the power supply module is the same with the required voltage of the powered devices in order to prevent damaging the power supply module or the powered devices.
- Do not touch any exposed wires or terminals to avoid bodily injury.
- Do not place the power module in a humid place or let the liquid into the power supply module.
- If there is a failure inside the module, please contact service personnel, instead of opening the housing of the module.
- The equipment must not be used in locations where children are likely to be present.
- Plug the product into the wall outlets with earthing connection through the power supply cord.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.

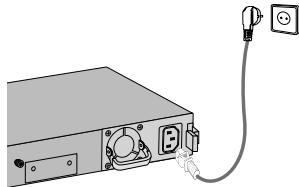
Install the Power Supply Module



1. Wear an ESD-preventive wrist strap, and make sure that it has good skin contact and is well grounded.
2. Press the Release Handle of the module with one hand while holding the pull ring, and hold the bottom of the module using your other hand. Gently push the module in along the slot guide rail.
3. Release the Release Handle to fix the power supply module in place.

Connect the Power Cord and Connect to the Ground

After the power supply module is installed on the device, please plug the female connector of the provided power cord into the power socket of the device, and the male connector into a power outlet. Meanwhile, it will connect to the ground via the power supply.



Remove the Power Supply Module

1. Wear an ESD-preventive wrist strap, and make sure that it has good skin contact and is well grounded.
2. Remove the power cord from the external power supply system and the power module.
3. Press the Release Handle of the module with one hand, and pull the Power Supply Module Handle using your other hand, until it completely comes out of the chassis.

Note:

When installing or removing a power supply module, pay attention to the following points:

- Make sure that the power supply module is set correctly in the operation of installation.
- Do not use too much force in the installation. If resistance is encountered or positions of the power supply module appear larger during installation, you must first remove the module and then reinstall the module.
- If the Retainer Clips cannot spring up naturally and the power module is blocked, it may be due to the power supply module is not installed properly. Please check carefully.
- In order to better protect the power supply module during removal, it is recommended that you package it in an antistatic bag.

Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- The plug on the power supply cord is used as the disconnect device, the socket-outlet shall be easily accessible.

EU Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2011/65/EU and (EU)2015/863.

The original EU declaration of conformity may be found at <https://www.tp-link.com/en/support/ce/>

UK Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Electromagnetic Compatibility Regulations 2016 and Electrical Equipment (Safety) Regulations 2016.

The original UK Declaration of Conformity may be found at <https://www.tp-link.com/support/ukca>



For technical support, the user guide and other information, please visit <https://www.tp-link.com/support>, or simply scan the QR code.

