Shelly Gen3 PM MINI

PREVENTATIVE MONITORING

When an electrical appliance is damaged, it increases the amount of energy used in an attempt to compensate for its operational capacity. Shelly PM Mini Gen3 will fit anywhere you need it to and can immediately report the increase in energy consumption, saving you additional expenses on repairs or equipment replacement.

POWER CONSUMPTION ANALYSIS FOR COST OPTIMIZATION

Shelly PM Mini's gen3 smart energy metering will help you identify and eliminate any redundant energy consumption from each connected appliance around your home or facility. Together with smart scenes, you can use Shelly PM Mini's Gen3 data to set off scenarios, such as turning off appliances during a spike to protect them or during the night to save energy.

Power Meter
Provides precise monitoring of the power consumption

Wi-Fi operated
Connect Shelly Plus PM Mini to your Wi-Fi network.

Bluetooth
Add devices quickly and easily via Bluetooth connection, using Shelly Smart Control App.

Extremely fast processor
For immediate command execution and notification

Enhanced safety
Over-temperature protection for prevention of failures.

Enhanced security
MQTT and WSS support, TLS certificate support and management for a broad range of use cases.

Improved API interface
Broad range of cloud connections and local integrations.

No hub required
Control directly without a hub through your smartphone with Shelly Smart Control App

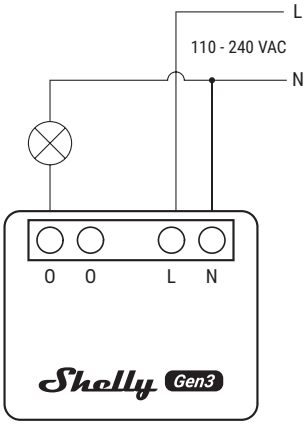
Highly compatible
Use with your preferred home automation platforms and voice assistants.

Track your power consumption and save money

Shelly Plus PM Mini is a small form factor power meter. It provides professional integrators with additional options for end-customer solutions. It can work standalone in a local Wi-Fi network, or it can also be operated through cloud home automation services through MQTT, HTTP, and WebSocket. All inbound connections support TLS. Shelly Plus PM Mini can be accessed, set up, and monitored remotely by the User, as well as the Device can access and communicate with an automation system, as long as they are in the same network infrastructure. The Device has an embedded Web Interface which can be used to monitor and control the device, as well as adjust its settings. ***The Device does not have a built-in relay.***

TECHNICAL SPECIFICATIONS

Power Supply	• 110-240 VAC, 50/60 Hz
Complies with EU standards	• RED 2014/53/EU • LVD 2014/35/EU • EMC 2014/30/EU • RoHS2 2011/65/EU
Max measurement voltage	240 V
Max measurement current	16 A
Max measurement power	3840 W
Working temperature	-20°C to 40°C / -5°F to 105°F
Max RF power	<20 dBm
Wi-Fi protocol	802.11 b/g/n
Frequency	2400 - 2495 MHz
Operational range Wi-Fi (depending on local conditions)	• Up to 30 m / 100 ft indoors • Up to 50 m / 160 ft outdoors
Operational range Bluetooth (depending on local conditions)	• Up to 10 m / 33 ft indoors • Up to 30 m / 100 ft outdoors
Dimensions	29x34x16 mm / 1.11x1.34x0.63 in
CPU	ESP-Shelly-C38F
Flash	8 MB
Power consumption	< 1.2 W



Legend
Device terminals:
O: Output terminals (bridged internally)
L: Live (110-240V) terminal
N: Neutral terminal
Wires:
N: Neutral wire
L: Live wire (110 - 240 VAC)