

Item no.: 388081

## ALREZWE\_W\_PM\_MIN - Qubino Wave PM Mini

from **27,18 EUR**

Item no.: 388081  
shipping weight: 0.10 kg  
Manufacturer: Shelly



### Product Description

The world's smallest Z-Wave power meter for precise power monitoring. Monitor the power consumption of electrical devices from anywhere and optimise your energy consumption. Thanks to its compact retrofit design, it is small enough to fit into even the tightest spaces and electrical outlets.

**WHY WAVE PM MINI?** Mini size, mini price. This mini power meter has been designed with convenience in mind and has the powerful ability to monitor energy consumption. All this in a compact and space-saving form. Wave PM Mini is perfect for tight spaces where conventional devices simply wouldn't fit. Despite their small size, Wave Mini devices do not compromise on performance or functionality. Shelly Qubino works with Z-Wave. By using Z-Wave, smart home products can communicate seamlessly with each other thanks to a centralised smart hub, regardless of their brand or platform! Shelly Qubino devices work with the latest Z-Wave chip generation (S800), one of the most popular standardised technologies for smart homes worldwide. Supports up to 16 A. The device can measure the power consumption of a load of up to 16 A. Associations. Set up direct communication between devices in your local Z-Wave network and set custom actions, even without a hub! Power monitoring. Wave PM Mini provides precise monitoring of power consumption. Smart scenes. Set customised scenes by combining the Wave PM Mini with other Z-Wave devices (gateway required). Use cases: Preventive management. When an electrical appliance is damaged, it does not simply stop working. It normally increases its energy consumption to compensate for its operating capacity. As there is no visible difference in performance, it can take months before you realise there is a problem, leading to inefficiency and wasted energy. Wave PM Mini, on the other hand, reports the increase in energy consumption immediately, saving you additional costs for repairs or replacement of appliances. Monitor your power consumption and live more cost-efficiently. We may forget to switch off all the lights or leave an appliance we don't need on at night, generating unnecessary energy. Wave PM Mini's power monitoring makes it possible to recognise and eliminate excessive energy consumption in your household. Together with smart scenes, you can use the Wave PM Mini's data to create scenarios, such as switching off appliances during a power surge to protect them or during the night to save energy.

**Features:**

- Operating voltage: 230V AC
- Internal consumption: < 0.3W
- Operating temperature: -20°C - 40°C
- Humidity: 30 - 70% RH
- Radio technology: Z-Wave 868.4 Mhz
- Z-Wave repeater: yes
- Range: Up to 40m indoors
- Conductor cross-section: 0.5 to 1.5mm
- Further details: Item dimensions (WxHxL) 32 x 27 x 16 mm
- Packaging dimensions (WxHxL) 65 x 50 x 30 mm
- Item weight (net) 0.013 Kg
- Item weight (gross) 0.030 Kg
- Z-Wave S2 WEEE CE IP class IP20

Introducing Z-Wave Plus™ V2. Z-Wave Plus™ V2 is a new level within Z-Wave certification and is designed to help consumers identify those products that utilise the "GEN7" Z-Wave hardware platform (also known as the 700 series or 7th generation Z-Wave chips). Z-Wave Plus™ V2 certified products have several advantages that increase ease of use and make Z-Wave solutions even faster and easier to install and set up. Since the first Z-Wave product was certified in 2004, Z-Wave has become the market leader for interoperable smart devices in home networking. With the introduction of the new Z-Wave 700 series, the Z-Wave ecosystem has been expanded with new features - such as increased range, longer battery life, Over The Air upgrades (OTA), and additional RF channels. Products with Z-Wave Plus™ V2 are fully backwards compatible with existing Z-Wave products!

For consumers, homeowners, integrators and service providers, Z-Wave Plus™ V2 offers improvements and tremendous benefits in terms of shorter and easier installations, more extensive device profiles, improved self-healing and longer battery life.

**Benefits:**

- Improved battery life up to 10 years
- Improved range up to 90 metres
- 250% more bandwidth
- Three RF channels for improved noise immunity and higher bandwidth
- New network-wide plug-and-play inclusion feature
- Improved communication through self-healing and fault tolerance with explorer frame function
- Encrypted procedure for over-the-air updates
- Improved product information collection for the product certification database

The foundation of S2 is everything, everything required for a smart home: The latest version of Z-Wave, reduction in power consumption compared to older Z-Wave devices and wireless communication. S2 takes all of this and expands the Z-Wave world with:

- Advanced encryption (AES 128-bit)
- More security against hacker attacks
- Improved battery life
- Faster communication between devices

### Specifications

Scan this QR code to  
view the product  
All details, up-to-date  
prices and availability

