

**OLD DOG
ELECTRONICS**



Power Watch 2G Compact Power Monitoring, Works with SMS, No Monthly Subscription



- Compact 120x 100mm x40mm
- Affordable
- No Apps Needed
- Works with 2G
- Easy Setup
- Remote Status Check
- Diagnostic LED's
- Powered From USB Charger
- Built-in Backup Power
- No Monthly Subscription
- Using a Pay-As-You-Go SIM card Keeps costs to a minimum
- Short Term Rental Available
- Locally manufactured
- 12 month warranty

In towns and cities across South Africa, aging infrastructure and poor maintenance, cable theft, or cables failures cause frequent outages leaving homes and businesses without electricity for hours, sometimes days.

WhatsApp groups and word-of-mouth are often inaccurate. With PowerWatch 2G, you'll know instantly if your home is affected. Receive SMS alerts the moment your supply changes, check status remotely, and act quickly — whether it's starting a generator, protecting freezers, or calling in help. Or ensuring a loved one needing oxygen is OK.

The PowerWatch 2G requires no complicated installation. Simply insert your sim card, connect it to a regular USB phone charger via a USB-C cable, and you're ready to go.

Which Network To Use

The good news regarding 2G networks are MTN have indicated they expect to keep 2G operational till at least the end of 2029. Vodacom hasn't given a date but is expected to be similar to MTN. I have had good success with Telkom Mobile, whilst they don't own a 2G network, they use Vodacom.

Before buying a sim card for 2G, it's wise to verify access to it in your area.

Device Diagnostics

The device has three diagnostic LED's to make problem solving easier.

RED: The service is powered up

AMBER: On The device is receiving power from the charger, OFF The device isn't receiving power from the charger.

COMMS LED: Green, The modem is communicating to the microprocessor, SIM card, and the GSM network.

RED Flash: An error exists, see installation sheet for further information

Specifications	
Dimensions	120x110x40mm
Sealing	Suitable for indoor use only. Outdoor units can be supplied to special order.
GSM Network	2G
Module Operating Frequencies	850/900/1800/1900 MHz
Power Requirements	5vdc from USB Charger 3A minimum
Power Connection	USB-C connector
Estimated Backup Battery Life	4hrs, This can be increased if needed.
Microprocessor	ATmega328P