



MTS21 Smart Energy Meter & Timer

The MTS21 Smart energy meter & timer is specifically designed to measure active and reactive energy for single-phase two-wire systems and various parameters. This smart device is equipped with Wi-Fi connectivity, allowing users to utilize the "Major Tech Hub" Smart App for remote monitoring and control. It adheres to Wi-Fi 802.11b/g/n standards for seamless data communication. When installing the smart device, ensure that this is done by a qualified professional in accordance with South African regulations and making sure it is placed in an appropriate environment with an ambient temperature range of -25° to +55°. The relative humidity should be kept below 75%. The manufacturing of this device aligns with international standards, including IEC62052-11 for General Requirements for Electricity Metering Equipment (AC) and IEC62053-21 for Static meters/timers for Active Energy (Classes 1 and 2).



Features

- **Smart App Compatibility:** Easily access advanced features by downloading the free Major Tech Hub Smart App.
- **Energy Consumption Insights:** Gain in-depth insights into your energy consumption through the Smart App.
- **Real-time Data Display:** Monitor real-time data including Voltage, Current, Active Power, Power Factor, and Frequency.
- **Loading Protection:** Configure the app to send alerts and automatically shut down devices in the event of over/under voltage (up to 450V spikes) and overcurrent.
NB: Please note that devices will need a manual restart after shutdown. It's important to be aware that this feature cannot guarantee protection against load shedding.
- **LCD Display:** The meter features a clear 99999.9kWh LCD display for easy reading.
- **Din Rail Compatibility:** Designed to be compatible with 35mm Din Rails for convenient installation.
- **Dual Mode Connectivity:** Enjoy flexibility with both Wi-Fi and Bluetooth connectivity options. When Wi-Fi is unavailable, the meter seamlessly switches to Bluetooth mode (keep in mind that Bluetooth has limited range).

Function	Range
Rated Frequency	50/60 Hz
Rated Current	65A
Power	9600W (Resistive Load)
Rated Voltage	110V/220V
Voltage Range	90 - 260V
Approvals	IEC/SANS / ICASA / LOA
kWh accuracy	Class 1
R.M.S accuracy	Class 0.5
Current circuit	<1.5VA
Voltage circuit	<2W/8VA
Starting Current	0.0041b(20mA)
LCD	99999.9kWh
WIFI	802.11B/G/N, ONLY SUPPORTS 2.4GHZ NETWORK, NOT SUPPORTED ON 5GHZ NETWORK
Operation Temp.	-25° to +55°
Bluetooth	Version 5.2



Din Rail Compatibility



Impulse + Relay Indicator



Real-time Data Display

MTS21

Smart Energy Meter & Timer

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