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# MT40 Datasheet - Smart Power Controller

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## Overview

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The Cisco Meraki MT40 smart power controller is the latest addition to the MT sensor portfolio. MT40, combined with the rest of the MT family, provides remote visibility into physical conditions and equipment status and power consumption to minimize unplanned downtime, extend equipment lifespan, and benchmark energy usage to quantify sustainability initiatives.

MT40, an inline power monitor, provides insight into power usage, intelligent alerting, and remote control of power status to improve sustainability, speed troubleshooting in remote deployments and streamline operations by enabling a more efficient response to power outages.

## Smart sensors. Smarter businesses

Meraki MT sensors accelerate deployment, simplify management, and provide data-driven business outcomes. Wire-free installation, flexible mounting options, and automatic pairing make it easy to provision thousands of sensors in a short amount of time. Centralized cloud management and open APIs enable MT sensors to be managed alongside other networked devices or integrated with any business system.



## Product Highlights

- Inline power monitor
- Downstream Power control
- Single pane of glass for sensor monitoring combined with your existing Meraki dashboard
- Always-on, real-time visibility (24/7/365 visibility)
- Flexible alerts via email, SMS, mobile push notifications and Webhooks
- Simple to set up reporting and configuration
- Data mining APIs for custom development and integrations.
- **Multiple installation options**
- Provision multiple sensors in minutes

## Technical Specifications

### Sensors

#### Power Monitoring

RMS Voltage	Range: 250 V
	Accuracy: +/- 1% V

RMS Current	Range: 100-120VAC, 50-60Hz, 12A max 200-240VAC, 50-60Hz, 10A max Accuracy: +/- 1% A
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Real Power	Range: up to 2400 W Accuracy: +/- 1% W
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Apparent Power	Range: 0 - 2500 VA Accuracy: +/- 1% VA
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Power Factor	Range: 0 - 100% Accuracy: +/- 1%
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Energy	Range: up to 144 kWh Accuracy: +/- 1%
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## Wireless Capabilities

Bluetooth® Low Energy	<a href="#">Compatible MV smart cameras and MR access points</a>
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Operating Frequency	2.400–2.4835 GHz
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IEEE Standard	802.15.1 (BLE 4.2)
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## Data Logging

Data sampling	All metrics are polled at 15 seconds Data reporting to gateway: 20 minute interval, threshold violation or on demand
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## Physical Characteristics

Dimensions	161 (L) x 59.5 (W) x 40.7 (H) mm
Operating Environment	<b>Temperature:</b> 0°C - 50°C (32F - 122F) <b>Relative Humidity:</b> 0 - 95 % RH
Power Consumption	<b>Typical:</b> 1.2W (110V) - 1.6W (240V) <b>Maximum:</b> 2W
Hardware	Multicolor, multifunction status LED  General purpose button  Remote Control Lockout switch  Reset button

## Ordering Information

MT40-HW	Meraki Smart Power Controller
LIC-MT-XYR	Meraki MT Enterprise License (X = 1, 3, 5)
Accessories	Power Cables (Sold Separately):  MA-PWR-C14-C15-1  MA-PWR-CORD-XX (Country specific)

## INPUT

## MT Sensor

## OUTPUT



### Regional Power Input Cable

MA-PWR-CORD-US  
MA-PWR-CORD-UK  
MA-PWR-CORD-EU  
MA-PWR-CORD-AU  
MA-PWR-CORD-IN  
MA-PWR-CORD-AR  
MA-PWR-CORD-BR  
MA-PWR-CORD-CN  
MA-PWR-CORD-TW



### MT40 MT40-HW



### To Networking Equipment

MA-PWR-C14-C15-1



### To Regional Receptacle

Not sold by Cisco  
Enquire with Local Partner  
C14 -> Regional Receptacle

## In the Box

Unit	MT40-HW
Guides	QIGs
Mounting equipment	Backplate, Velcro Strap, 2 mounting screws, 2 drywall anchors, C13 and C14 retention sleeves

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This article introduces the MT Door Sensor details page, providing users with three dynamic views based on the selected time span. Users can effortlessly...



#### [MT14 High Sampling Mode](#)

This article outlines the MT14 High Sampling Mode, detailing its functionality to enable a faster sampling rate for collecting key metrics more frequently...



#### [Sensor Crop](#)

This article outlines what sensor crop is and how to configure sensor crop on your MV.



#### [MT10 Installation Guide - Temperature and Humidity](#)

This article outlines the installation guide for the Cisco Meraki MT10, a cloud-managed temperature and humidity sensor. It details pre-installation p...



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