

# MA-1050M | Addressable Power Supply

**MA-1050M** is an addressable power supply and battery charger with up to three 24VDC outputs. It operates with Mtech Fire Alarm Control Panels (MA-1, MA-1000A and MA-1000) and Apollo and Eaton addressable non-loop powered devices. It also can be used as a primary power supply for MA-1050A network annunciator.



## System Functionality:

- Addressable by Mtech FACPs
- Selectable charging current 5 AH to 20AH
- Brownout detection
- Battery /battery charging supervision
- Secondary power auxiliary outputs: 24@2A and 24V@0,3A 24V@4A
- Complies with NFPA Standard 72 requirements, and listed by Underwriters Laboratories under the UL864 10th Edition

## Features & Benefits:

- Comes with networking capabilities and proprietary MTech software for easy configuration and maintenance
- Can be programmed on site or by using the MTech site installer software on PC

**Technical Specifications:**

|                             |   |
|-----------------------------|---|
| <b>Code</b>                 | MA-1050M  |
| <b>Description</b>          | Addressable Power Supply and Battery Charger, UOJZ.S36158 |
| <b>Standards for Panels</b> | UL864 10th Edition, TR TC EAC 043-2017                    |

**Specification**

|                         |  |
|-------------------------|--|
| <b>Panel Display</b>    | 4-line x 16-character LCD, multilingual support  |
| <b>Panel Keyboard</b>   | Full numeric keyboard, Reset, Silence, Info, ACK, Enter, ESC, Navigation Rows                                      |
| <b>Panel Indication</b> | LED indication: AC, Trouble, Silence, Ground Fault and an addition 8 indications that can be configured by client  |
| <b>Sound</b>            | Internal alarm sounder   |
| <b>Network</b>          | MA-NET network card for RS-485 network for communication up to 64 panels in network with global correlation matrix |

**Power**

|                         |   |
|-------------------------|---|
| <b>Input Voltage</b>    | Input 120VAC 3.2A / 230VAC 1.6A; 50/60Hz  |
| <b>Operated Voltage</b> | 24VDC 6.5A                                |
| <b>Battery</b>          | Two 12V 7 Ah or two 12V 20 Ah (dependent) |

**Output**

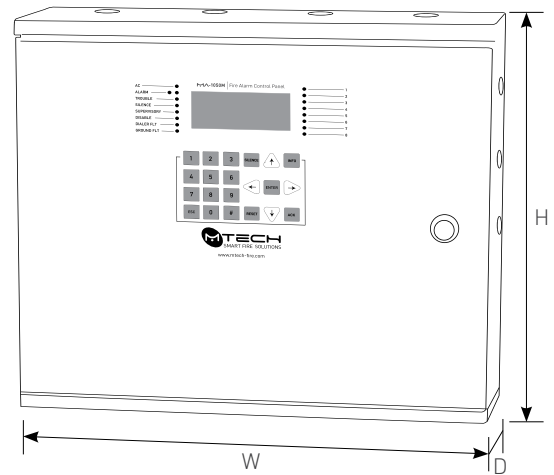
|                                       |  |
|---------------------------------------|--|
| <b>Power Supply Auxiliary Outputs</b> | AUX 24VDC 2A,4A AUX resettable 24VDC 300mA |
|---------------------------------------|--|

**Physical**

|  |                              |
|--|------------------------------|
| <b>Environmental Operating Temperature</b> | 0°C to - 49°C                |
| <b>Humidity (Non-Condensing)</b>           | 0 to 93% RH                  |
| <b>Physical Construction</b>               | Metal box                    |
| <b>Color</b>                               | RAL 3000                     |
| <b>Weight</b>                              | 7 kg                         |
| <b>Ingress Protection</b>                  | IP31                         |
| <b>Cable Entries</b>                       | top (4), right (3), left (1) |

**Compatibility**

|                              |   |
|------------------------------|---|
| <b>Suitable for Use With</b> | MTech MA Analog Addressable Fire System     |
|                              | MTech MB Conventional Fire System           |
|                              | MA-1050A Remote Annunciator                 |
|                              | MA-Monitoring Graphical Management Software |



**Dimensions:**

**W.** 370 mm | **H.** 393 mm | **D.** 112 mm



**Order Code:**

MA-1050M      English version

MA-1050MRUS      Russian version