



NOTIFIER VM-1, AM-1, MPM-3 Meter Instruction Manual

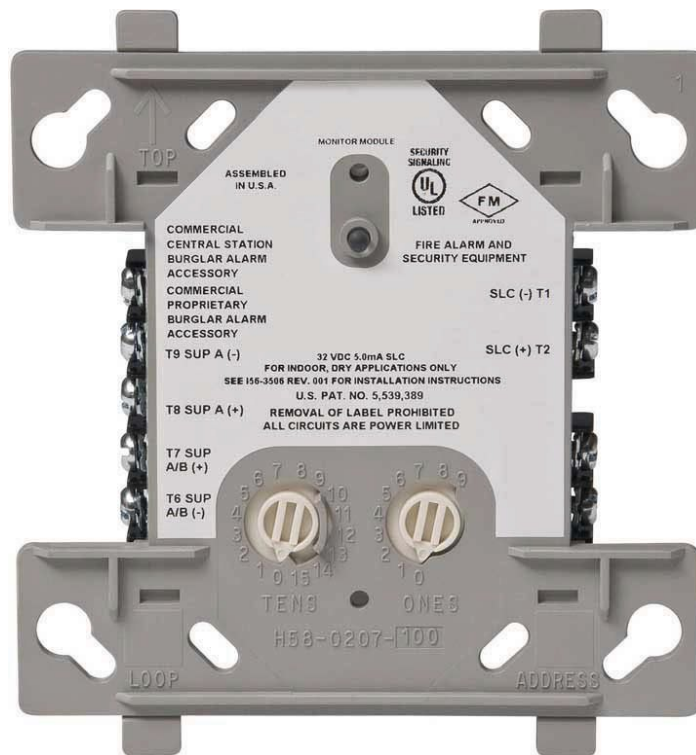
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NOTIFIER VM-1, AM-1, MPM-3 Meter



Product Information

The Meter Assembly VM-1 / AM-1 / MPM-3 is a set of meters designed for use with the CHG-120 charger. It includes an ammeter (AM-1), a voltmeter (VM-1), or both (MPM-3) that can be installed to monitor the charging process. The meters come with the necessary cables and connectors for easy installation.

Optional Meters

Item	Part Number	Description
Ammeter	AM-1	0-10 A ammeter with a 3 ft (.914 m) cable for connection to the charger at JP3. Mounts into a BB-55 battery box only.
Voltmeter	VM-1	0-50 V voltmeter with 3 ft (.914 m) positive and negative leads for connection to the charger output circuit. Mounts into a BB-55 battery box only.
Ammeter and Voltmeter Assembly	MPM-3	An AM-1 and VM-1 are attached to a mounting bracket. Mounts onto an MPS-24A or MPS-400 power supply.

Product Usage Instructions

Installing an AM-1

1. Mount the AM-1 ammeter into a BB-55 battery box.
2. Connect the 3 ft (.914 m) cable of the AM-1 to the charger at JP3.
3. Connect the positive and negative leads of the AM-1 to the battery terminals.

Installing a VM-1

1. Mount the VM-1 voltmeter into a BB-55 battery box.
2. Connect the positive and negative leads of the VM-1 to the charger output circuit.

Installing an MPM-3

Note:

The MPM-3 must be installed with the supplied mounting hardware.

1. Remove any original mounting screws from either power supply's PC board at the MPM-3 installation site.
2. Mount the MPM-3 onto an MPS-24A or MPS-400 power supply using the provided mounting bracket.

Introduction

An ammeter (AM-1), or voltmeter (VM-1), or both (MPM-3) can be installed for use with the CHG-120 charger. Refer to Table 1 for descriptions of optional connectors on the charger. If mounting an AM-1 or a VM-1, mount the meter to a BB-55 as shown in Figure 2. If mounting an MPM-3, mount to a power supply (Figure 3) installed in a CAB-3. Table 1 contains descriptions and part numbers for these optional meters.

PART LIST

ITEM	PART NUMBER	DESCRIPTION
Ammeter	AM-1	0-10 A ammeter with a 3 ft (.914 m) cable for connection to the charger at JP3. Mounts into a BB-55 battery box only.
Voltmeter	VM-1	0-50 V voltmeter with 3 ft (.914 m) positive and negative leads for connection to the charger output circuit. Mounts into a BB-55 battery box only.
Ammeter and Volt meter Assembly	MPM-3	An AM-1 and VM-1 attached to a mounting bracket. Mounts onto an MPS-24A or MPS-400 power supply.

Installation

Installing an AM-1

Perform the following steps to install an AM-1:

- Cut jumper JP9 on the charger (refer to Figure 1).
- Connect the AM-1 harness to JP3 on the charger (refer to Figure 1). Be sure to observe proper polarity.
- Mount the AM-1 into a mounting slot on the front of the BB-55 (refer to Figure 2).

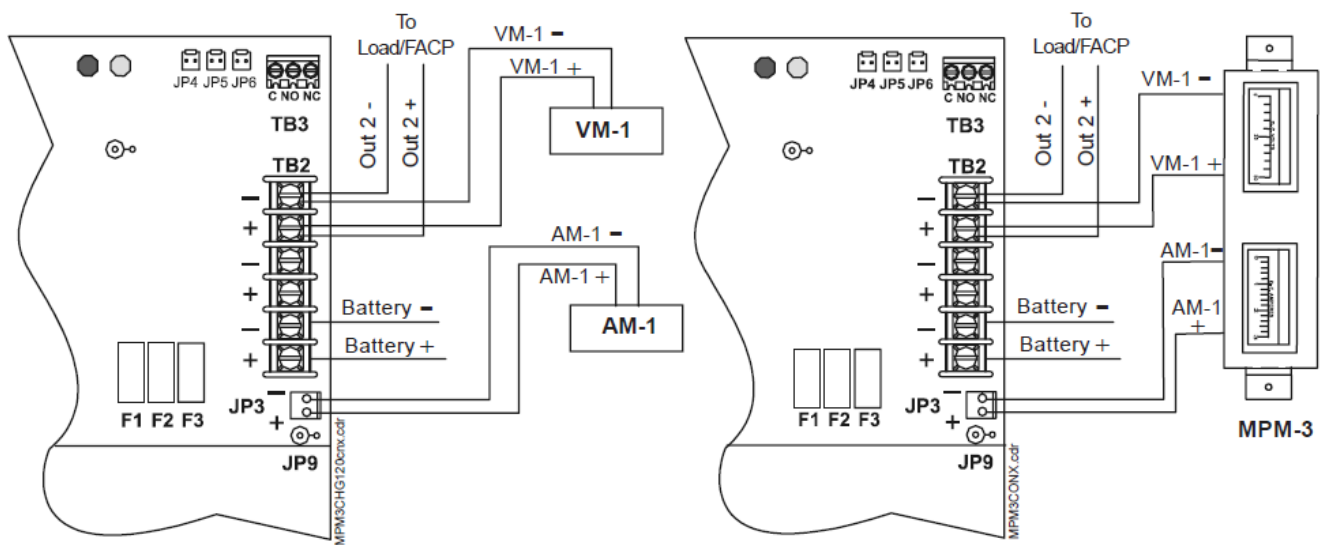


Figure 1 - Device Connections

Installing a VM-1

A VM-1 can be connected across a charger output circuit. For example, to install a VM-1 to measure voltage from charger output circuit 2, perform the following steps:

- Connect the positive lead to TB2 Out 2 (+) (refer to Figure 1).
- Connect the negative lead to TB2 Out 2 (-) (refer to Figure 1).
- Mount the VM-1 into a mounting slot on the front of the BB-55 battery box.

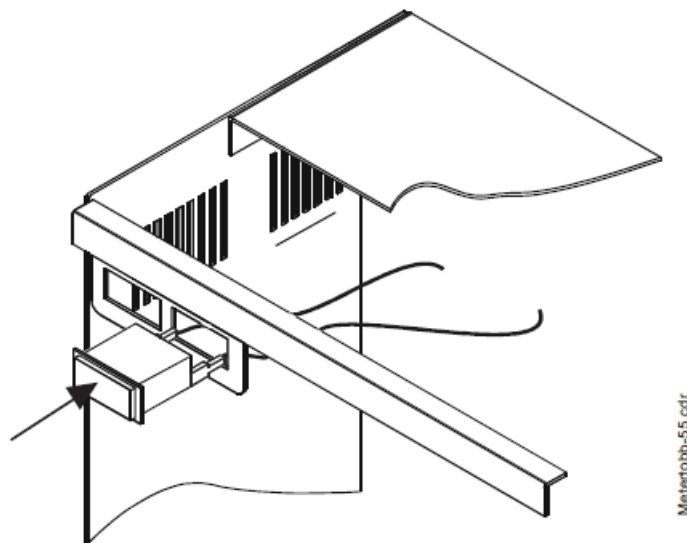


Figure 2 - Mounting an AM-1 or VM-1 to a BB-55 Battery Box

Installing an MPM-3

Perform the following steps to install an MPM-3:

- Connect the AM-1 (refer to Figure 1).
- Connect the VM-1 (refer to Figure 1).
- Mount the MPM-3 onto an MPS-400 or MPS-24A power supply (refer to Figure 3).

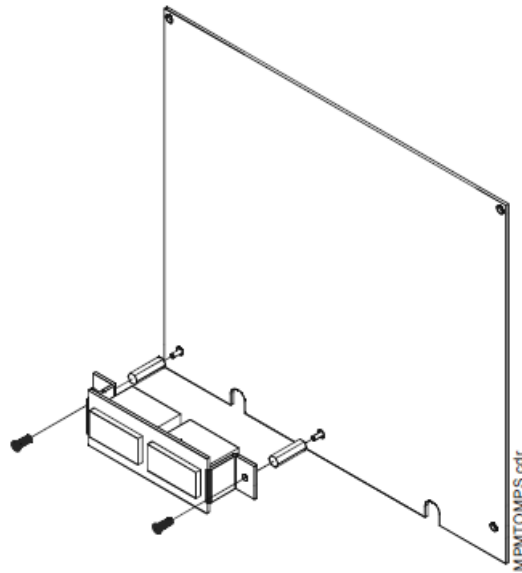


Figure 3 - Mounting an MPM-3

Note:

The MPM-3 must be installed with the mounting hardware supplied with it. Any original mounting screws in either power supply's PC board must be removed from the MPM-3 installation site prior to installation of the MPM-3.

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Documents / Resources

	<p>NOTIFIER VM-1, AM-1, MPM-3 Meter [pdf] Instruction Manual VM-1, AM-1, MPM-3, VM-1 AM-1 MPM-3 Meter, Meter, VM-1 Meter, AM-1 Meter, MPM-3 Meter</p>
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References

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