

M346-1 Battery Charger / Tester

General Description

The M346-1 is a desktop Battery Charger/Tester that allows the charging and testing of all of Milpower Source UPS Battery Packs (M350380, M356380, M357380, M359380-1 and M333-3/4.)

It was specifically designed by Milpower to support the periodic maintenance of spare Battery Packs while in storage (external to the UPS).

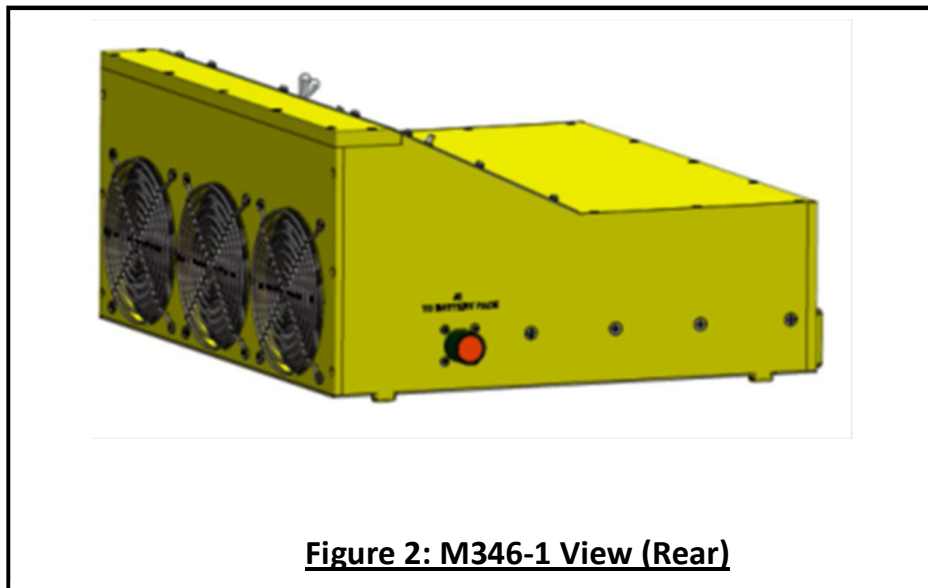
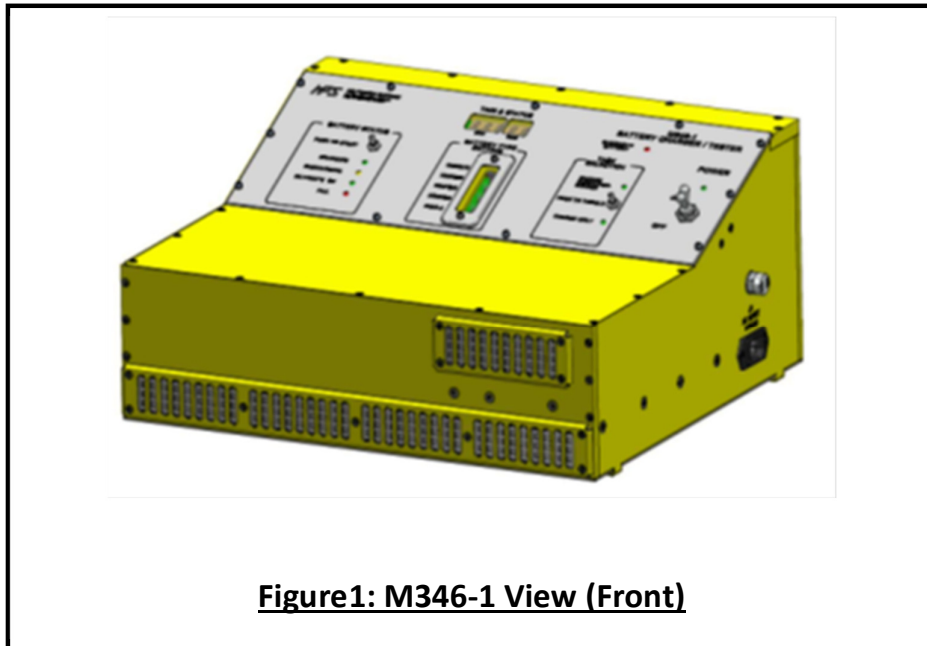
The M346-1 is powered from a standard 115VAC/60Hz, domestic wall outlet and consumes less than 5Amp.

The M346-1 is supplied with a set of harnesses that allows easy interface with any of Milpower Battery Packs.

The M346-1 has two Operational Modes:

- **Charge Only:** In this mode the M346-1 will charge the Battery Pack and when completed, it will pause, indicating the Battery Pack is either fully-charged or is a Bad Battery Pack (that does not accept charge).
- **Automatic Charger /Tester:** In this mode, the M346-1 will start by charging the Battery Pack. When fully charged it will (automatically) discharge it and verify its capacity. It will finish by re-charging the Battery Pack. Once started, all these steps are automatic, without any need for human intervention. During and after the test, the M346-1 displays the test results and the status of the Battery Pack.

The user can select the desired Mode by simply toggling a "TASK SELECTION" switch on the front panel of the M346-1.



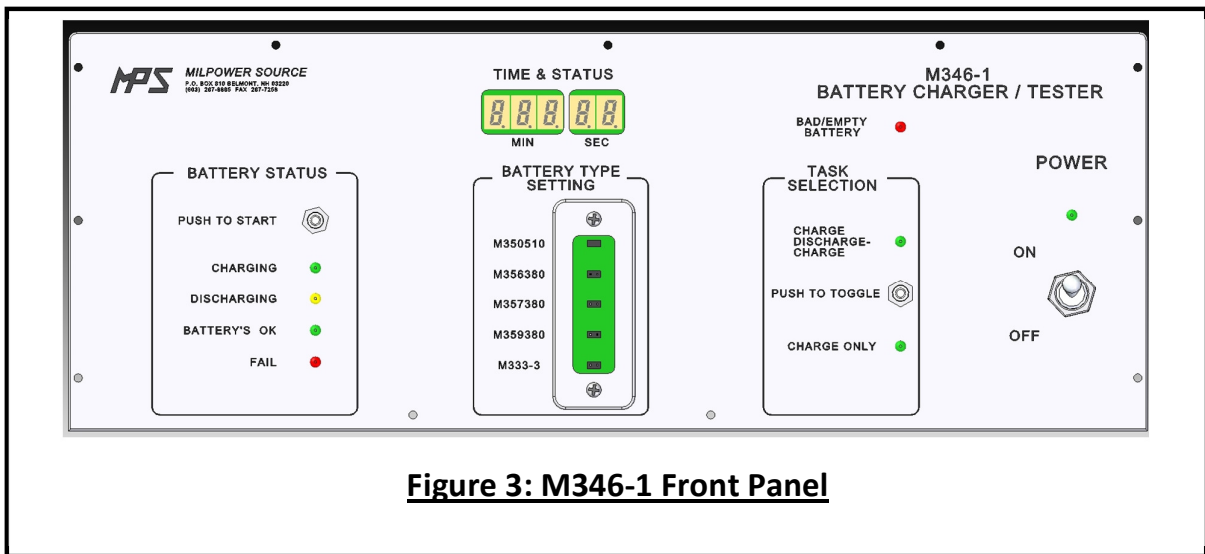


Figure 3: M346-1 Front Panel

Specification:

AC Input	115VAC/60Hz (5Amp Max)
Charger	250W (nominal) Fast Charger.
Typical Charging Time for Fully Depleted Battery and /(after 3-5 months storage)	M350380: 5 hours / (2 hours)
	M356380: 5 hours / (2 hours)
	M357380: 3 hours / (1.2 hours)
	M359380-1: 3 hours / (1.2 hours)
	M333-3/4: 6 hours / (2 hours)
Battery Test (Discharge) Current	3Amp (typical, depending on Battery Pack type)
Typical Discharge Time	M350380: 80 minutes
	M356380: 80 minutes
	M357380: 40 minutes
	M359380-1: 40 minutes
	M333-3/4: 120 minutes
Typical Full Charge/Test/Charge Cycle (after 3-5 months storage)	M350380: 5.5 hours
	M356380: 5.5 hours
	M357380: 3.5 hours
	M359380-1: 3.5 hours
	M333-3/4: 7 hours
Size and Weight	17.8"x7.8"x14.8", 32 pounds
Harness Set	M3461312-1 for M333-3/4 M3461312-2 for M359380-1 M3461312-3 for M350380, M356380 & M357380