

# MP-1000 Modular Motive Power Battery Charger



MP-1000 Battery Charger

## Product Overview

The **MP-1000** 3-Phase Modular Battery Charger is a high frequency, fully automatic battery charger for motive power & forklift batteries. There are 15 standard configurations of the MP-1000 ranging from 24-48V and current ranges from 50-150A. Lead acid, sealed and gel traction batteries are compatible with the UL-approved MP-1000. The MP-1000 offers high-energy efficiency that reduces operating costs while the power module system eliminates costly downtime and

## Product Features

- Soft start charge cycle
- Voltage drop compensation
- Protection against reverse polarity
- High frequency switching technology
- Charge cycle begins with batteries as low as two volts
- Digital display for simple programming
- USB Port allows programming and download of last 300 charge cycles
- Power module system allows charging to continue even if a module stops working

## Technical Specifications

<b>Battery Voltage:</b>	Standard: 24V, 36V, 48V Non-Standard: 72V, 80V
<b>Input Voltage:</b>	480V
<b>Battery Types:</b>	Lead Acid, Sealed, and Gel Traction Batteries
<b>Dimensions:</b>	63.5 x 35.5 x 20 cm (25 x 14 x 8 in)

## Kit Includes

- MP-1000 Battery Charger
- 3 m (10 ft) Load Cable
- User Manual
- **Optional:** Floor Stand

## Ordering Information

No.	Model #	Description
1	MP-24-80	24V-80A Output, 480V-4.3A Input Battery Charger (32 kg / 70 lbs)
2	MP-24-100	24V-100A Output, 480V-5.4A Input Battery Charger (32 kg / 70 lbs)
3	MP-24-120	24V-120A Output, 480V-6.4A Input Battery Charger (34 kg / 77 lbs)
4	MP-24-150	24V-150A Output, 480V-8A Input Battery Charger (34 kg / 77 lbs)
5	MP-36-80	36V-80A Output, 480V-5.4A Input Battery Charger (32 kg / 70 lbs)
6	MP-36-100	36V-100A Output, 480V-8A Input Battery Charger (32 kg / 70 lbs)
7	MP-36-120	36V-120A Output, 480V-9.6A Input Battery Charger (34 kg / 77 lbs)
8	MP-36-150	36V-150A Output, 480V-12A Input Battery Charger (34 kg / 77 lbs)
9	MP-48-50	48V-50A Output, 480V-5.4A Input Battery Charger (28 kg / 62 lbs)
10	MP-48-60	48V-60A Output, 480V-6.4A Input Battery Charger (32 kg / 70 lbs)
11	MP-48-80	48V-80A Output, 480V-8.6A Input Battery Charger (32 kg / 70 lbs)
12	MP-48-100	48V-100A Output, 480V-10.7A Input Battery Charger (32 kg / 70 lbs)
13	MP-48-120	48V-120A Output, 480V-12.9A Input Battery Charger (34 kg / 77 lbs)
14	MP-48-130	48V-130A Output, 480V-13.9A Input Battery Charger (34 kg / 77 lbs)
15	MP-48-150	48V-150A Output, 480V-16.1A Input Battery Charger (34 kg / 77 lbs)