

MPU-4000



Mobile Power Unit for E-Class™ Mark III ■ ■ ■

popular applications ■ ■ ■

The MPU-4000 delivers a mobility solution whose performance can be measured in days, not hours. And, using proven lithium polymer technology not only guarantees a long lasting battery but also a high return on your investment. The MPU-4000 is easy to install, easy to maintain and when combined with the E-Class Mark III's wireless connectivity, is the most cost effective, high performance mobile printing solution available today.



Mobile (in-vehicle) Printing

- Agriculture Produce Tracking Labels
- Auto Service Labels and Tags
- Utility Identification Label and Tags
- On Site Delivery Invoices
- High Volume Traffic Citations

Mobile (on-cart) Printing

- Meeting Registration
- Retail Shelf/Item Tags and Labels
- Warehousing Stocking Labels
- Arts/Entertainment Tickets
- Airline Contingency Tickets/Bag Tags
- Healthcare Specimen Identification

Contingency (Emergency) Printing

- Backup Power System
- Standalone Data Entry
- Stored Pre-Formatted Labels
- Data Input from Display and Navigation Buttons

The MPU-4000 is a high performance, rechargeable battery pack that attaches directly to the bottom of the E-Class Mark III printer and allows the printer to be used in mobile printing applications. Utilizing long lasting lithium polymer batteries, the MPU-4000 delivers enough power for the printer to operate for days without recharging. This powerful combination is ideal for higher duty applications that require the endurance and speed of a desktop printer but need the mobility and long battery life of a portable printer.



compatibility ■ ■ ■

	Basic	Advanced	Professional	Professional+
Product				
Power	■	■	■	■*
Cabinet Dock	■	■	■	

*Requires a power cord extension accessory

specifications ■ ■ ■

user interface ■ ■ ■

- Power:
 - Sequential color LED indicator lights indicate the power level when pushing the button.
- Charging:
 - Blue LED lights while charging and sequential lights indicate the power level when pushing the button.

physical characteristic ■ ■ ■

- Dimensions:
 - 7.19" x 10.25" x 2.31"
 - 180mm x 257mm x 58mm
- Weight:
 - 3 lbs 11 oz.
 - 1.67 kg

battery ■ ■ ■

- Technology:
 - Lithium Polymer
- Capacity:
 - 3000 Milli-Amp Hours

performance ■ ■ ■

- Number of Labels:
 - over 4000 4"x6" shipping labels on a single charge
- Number of Recharges:
 - over 500
- Charge Time:
 - Approximately 3 hrs

performance ■ ■ ■

- Input Power:
 - 100-240VAC (Requires EIC C13 power cord) (not included)
- Output Voltage:
 - 24VDC

warranty ■ ■ ■

- Cabinet and electronics - 1 year
- Battery - 6 months



Specifications subject to change without notice. Copyright 2012, Datamax-O'Neil (rev. 20120822)



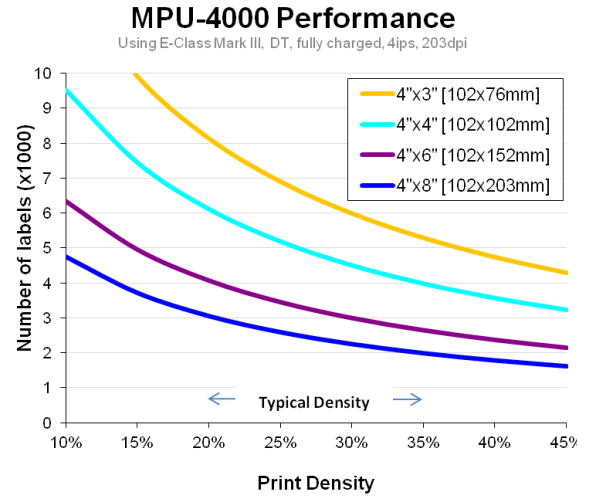


MPU-4000

Performance

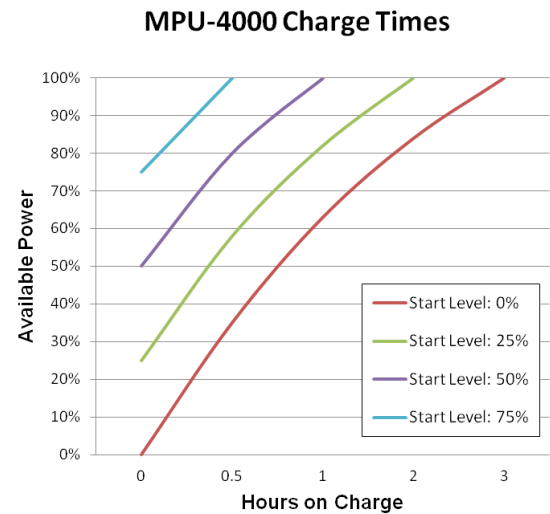
Printing

The MPU-4000 is designed to maximize the continuous printing performance of the E-Class Mark III printers. The adjacent chart shows the number of full width labels you may expect to print on a single charge based on the density and length of the label. The label density is the ratio of the print area vs. the total label area. Typical label densities range between 20% and 30%. There are several factors like environmental conditions, battery age, charge cycles and duty cycle that will affect the total number of labels printed. The chart should only be used as a reference of established test results.



Charging

Charging time or recovery time is the time it takes to return to full charge and is dependent on how much energy is available in the battery when you start the charge cycle. The adjacent chart estimates how long it will take to fully recharge the battery based on the start charge level. Use the chart by first selecting the curve representing the start charge level then follow it up to 100% available power and straight down to determine the number of hours required to reach full charge. The charging process is influenced by several factors and will vary. This chart is provided for estimating purposes only.



Life Expectancy

The MPU-4000 utilizes Lithium Polymer (Li-Po) batteries which deliver exceptional life expectancy. When compared to other technologies, the MPU-4000 far outlasts others especially in high demand applications. The adjacent chart shows the expected life of the MPU-4000 replaceable battery in relation to the number of deep recharges. By determining how often you will need to charge the MPU-4000, you will be able to ascertain the approximate battery life. Other battery technologies are listed for your quick and easy comparison. The MPU-4000 itself will far exceed the life of the replaceable battery with proper care and use.

