ENERGEN®

DroneMax **MP18A**
Mavic Pro Series Charger

60W X 3
Fast Charge

Designed for Mavic

DroneMax

DRONE BATTERY
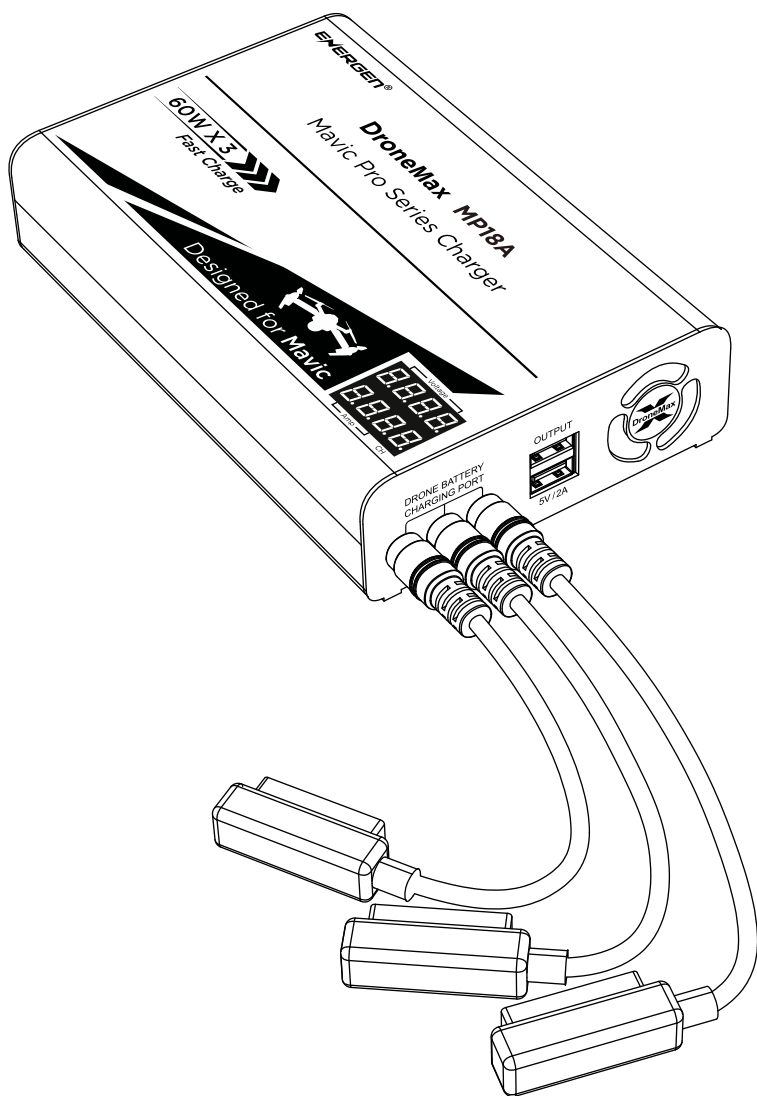CHARGING PORT

OUTPUT
5V / 2A

DroneMax® MP18A

USER MANUAL AND SAFETY GUIDELINES

Thank you for choosing Energen® DroneMax® MP18A charging station.
Please always follow basic safety precautions when using the DroneMax.
Read all instructions carefully and keep this manual for easy reference.

✖ Disclaimer

Thank you for purchasing the Energen DroneMax MP18A Drone Battery Charging Station (hereinafter referred to as "Product"). Please read this disclaimer carefully before using this Product. Please be aware that by continuing use of this Product you agree to this disclaimer and further indicate that you have read it fully. When using this Product please adhere strictly to all items mentioned in the user manual. Notice to pay special attention to the Warnings section, Energen and all its affiliates and subsidiary companies assume no liability for damage(s) or injuries incurred directly or indirectly from improper use of this Product. Improper use includes, but is not limited to, using unapproved chargers, charging unapproved batteries, short-circuiting, overheating, introducing foreign materials into the Product, or touching the terminals with skin or metal. Refer to the Safety Guidelines, Disclaimer and Operation Guideline under the User Manual for all necessary applicable information. Energen and DroneMax are the registered trademarks of Solid Pro Inc. Names of product, brand, etc., appearing in this manual are trademarks or registered trademarks of their respective owner companies. This Product and User Manual are copyrighted by Solid Pro Inc. with all rights reserved. No part of this Product or User Manual shall be reproduced in any form without the prior written consent or authorization of Solid Pro Inc.
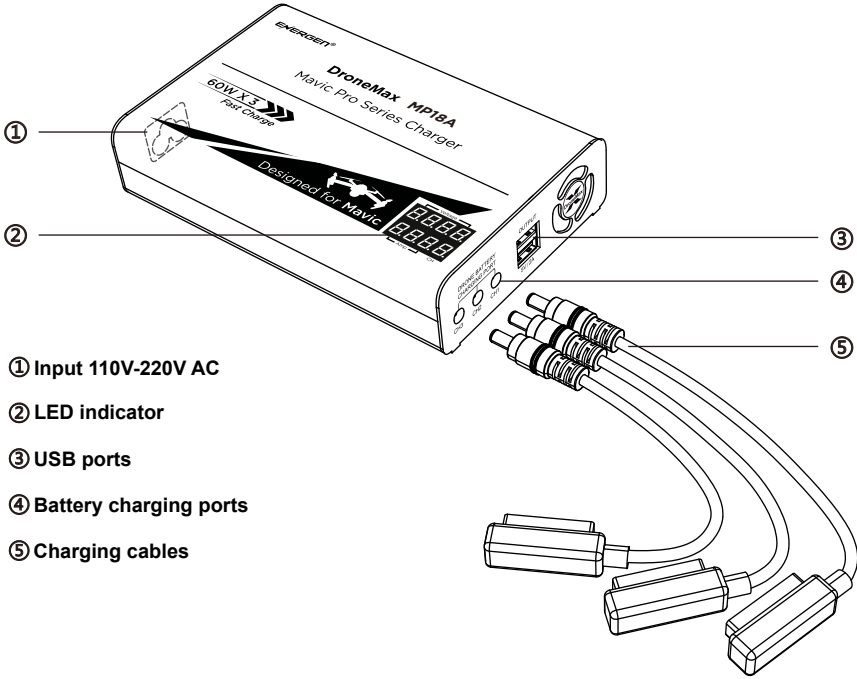
✖ Warnings

1. To prevent electric shock, do not attempt to remove the DroneMax cover or chassis. Disassembling the DroneMax will void its warranty.
2. To reduce the risk of fire, do not expose or operate the DroneMax under extreme heat or direct sunlight.
3. To prevent damage caused by short circuit, do not expose the DroneMax to rain, moisture or high humidity. Do not spill any liquid on the DroneMax.
4. Do not operate the DroneMax if the charging cable or connector is damaged. Failure to do so may result in electric shock.
5. Keep away from children's reach.
6. To clean the DroneMax, do not use any detergent. Use a dry cloth.

✖ Features

1. Customized to charge DJI Mavic Pro Series batteries.
2. Charge three (3) Mavic batteries simultaneously.
3. Dual USB charging ports to charge Mavic remote control and other USB devices.
4. Aluminum enclosure for excellent durability and heat dissipation.
5. LED display for voltage and amperage of each charging port (display will continuously rotate among each port charging a battery).
6. Over-voltage, over-current, over temperature protections for consistent and safe operation.

✖ Operation Guideline

① **Input 110V-220V AC**

② **LED indicator**

③ **USB ports**

④ **Battery charging ports**

⑤ **Charging cables**

✖ Specification

Model	EN-DM-MP18A	USB Charging Ports	2
Output DC	DC 13.05V / 13.8A (Branch Output 13.05V / 4.6A)	Dimension	6.7 x 4.3 x 1.4 inch 169.0 x 108.6 x 36.5 mm
Input	AC 100-240V 50 / 60Hz	Weight	1.3 lb / 0.57 kg
Output USB	5V / 2A x 2	Working Temperature	23 ~ 104°F / -5 ~ 40°C
Battery Charging Ports	3	Full Charging Time	Approx. 70 ~ 80 min.

* All charging specifications and charging times are derived from testing done at lab environment and at room temperature of 77°F / 25°C. Your charging time will vary depending on your charging environment and the ambient operating temperature.

✖ Package Content

	Parts List		Quantity
01	DroneMax MP18A Charger		x1
02	Mavic Pro Series Battery Charging Cable		x3
03	AC Cable		x1
04	User Manual		x1

✗ How to Charge the Mavic Pro Series Drone Batteries

1. Take the DroneMax MP18A AC connector end and plug into a wall outlet / socket.
2. The LED should light up.
3. Connect your Mavic Pro Series drone batteries to the side of the charging cables with the matching connectors.
4. Connect the other end of the charging cable to the charging port on the DroneMax MP18A.
5. Your drone batteries should start charging.
6. You will be able to charge, 1, 2 or 3 Mavic Pro Series batteries simultaneously.
7. The LED display will rotate through each of the charging port and display the corresponding voltage and the charging amperage.

* Typically the drone batteries will be over 95% capacity after 80 minutes of charging. The last 5% will take disproportionally long. It is not necessary to wait that long to use your drone batteries.

✗ How to Charge the Mavic Pro Remote or Other USB Devices

1. Ensure that the DroneMax MP18A is plugged into the wall outlet/socket.
2. Connect your remote to the USB cable (matching the connector ends).
3. Then plug the other end of the USB cable into one of the USB ports on the DroneMax MP18A.

✗ DroneMax® Safety Guidelines

1. While charging, please do not use any material to cover the DroneMax MP18A or the Mavic drone batteries. This will allow continuous and proper heat dissipation.
2. Avoid contact with any liquid. Do not charge or leave the DroneMax MP18A in the rain or near any source of moisture, indoors or outdoors.
3. The operating range of the DroneMax MP18A is from 23 to 104 °F (-5 to 40 °C). Do not operate the unit at below or above the range of temperatures.
4. Do not attempt to disassemble the DroneMax MP18A, it not only voids the product warranty, it may cause electrical shock.
5. Do not charge drone batteries right after flight. Allow drone batteries to cool down before attempting to charge. The drone battery circuitry often will not allow charging immediately after use in flight.
6. Please be aware, often, when the battery level is above 90%, the DroneMax MP18A may not charge the battery. This is a built-in protection function of the drone batteries.

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