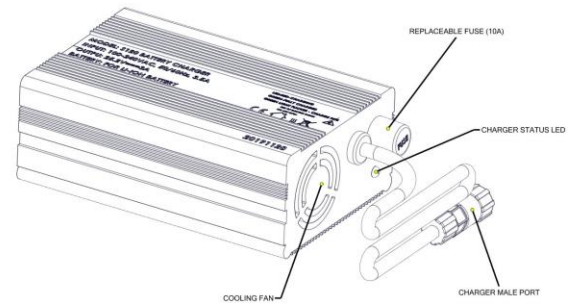


**6S1P222V35AH (D-17556)****Preface**

In order to get the optimum performance reliability and safety from your MagVibe Pro, users should read and become familiar with the following instructions and precautions when using and handling Lithium batteries.

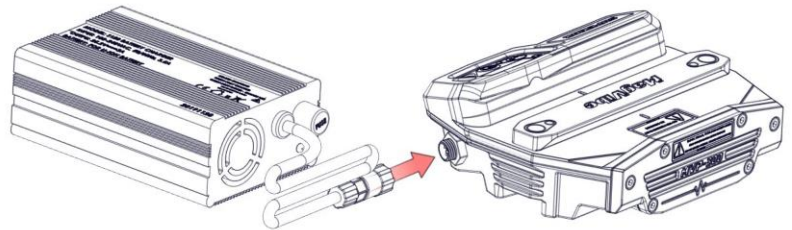
**1. Charging**

**1.1 Only charge your lithium ion battery with the charger that came with your system.** If the charging current and/or voltage exceed the values specified in the product specifications; you **will** damage the cells and even overheat, cause leakage, fire or explosion.

**1.2 Charging temperature:** Your battery should be charged at room temperature 75°F (23°C). Do not charge in temperatures exceeding 100°F (37°C). Stop charging immediately if the surface temperature of the battery housing is over 120°F (50°C).

**1.3 Charging polarity: Never** reverse polarity when charging. Reversing polarity when charging is strictly prohibited since it will lead to fire or explosion.

**1.4 To charge:** Unscrew canteen style dust/water cap on the MagVibe MVP300. Line-up and screw the male charger port into the female charger port on the MVP 300. Plug the charger into the wall outlet. The LED on the side of the charger will turn red. The LED will stay red when charging until it reaches 95% of full charge; then it will flicker between red and green. Once at full charge the LED will turn green.

**2. Discharge**

**2.1 Discharge current:** The cell should be discharged at the current no more than the maximum discharge current specified in the product Specification. Over current discharging may damage the battery and cause **overheating**.

**2.2 Operation temperature:** Use the battery within the temperature range specified in the product Specification. Stopping using when battery surface temperature is over 158°F (70°C).

**2.3 Over discharge:** over discharge will deteriorate the cells performance and characteristics. Do not over-discharge a battery below 2.75V/cell (16.5V measured across all cells).

**3. Storage**

**3.1** If you are intending to keep the battery for a long time (3 months or longer), it is strongly recommended that the battery shall not store under the environment with temperature 50°F - 77°F (10 - 25°C), low humidity and without corrosive gases.

**3.2** The battery should be charged once every six months to ensure that each cell voltage is 3.6 - 3.9V (21.6V – 23.4V)

**4. Other**

**4.1** short circuit the battery is strictly prohibited, it may cause fire or explosion.

**4.2** Never disassemble the battery. It may cause fire.

**4.3** Never dispose of the battery in fire, it is very dangerous and strictly prohibited.

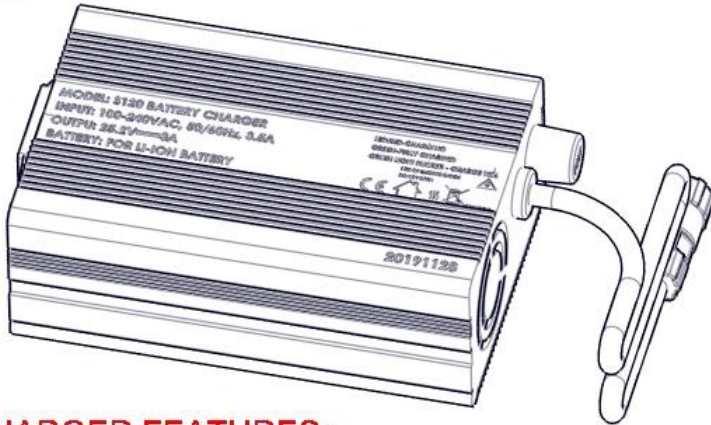
**4.4** To immerse the battery into the liquid, such as water is strictly prohibited.

**4.5** Charging the battery in the car is prohibited.

**4.6** Avoid: shock or extrude, handle carefully when moving it.



# CHARGER TECHNICAL INFORMATION



## CHARGER FEATURES:

- CONSTANT CURRENT & CONSTANT VOLTAGE (CC & CV)
- MULTI-STAGE CHARGING
- BUILT-IN MICROCONTROLLER (MCU)
- PULSE WIDTH MODULATION (PWM)
- LLC RESONANCE AND SYNCHRONOUS RECTIFICATION

WALL PLUG (STANDARD)

**TYPE A**

VOLATGE INPUT

**100 - 240 VAC**

FREQUENCY

**50 - 60HZ**

AMPERAGE DRAW (MAX)

**3.5A**

VOLATGE OUTPUT

**25.2VDC**

LED INDICATORS

**RED = CHARGING**

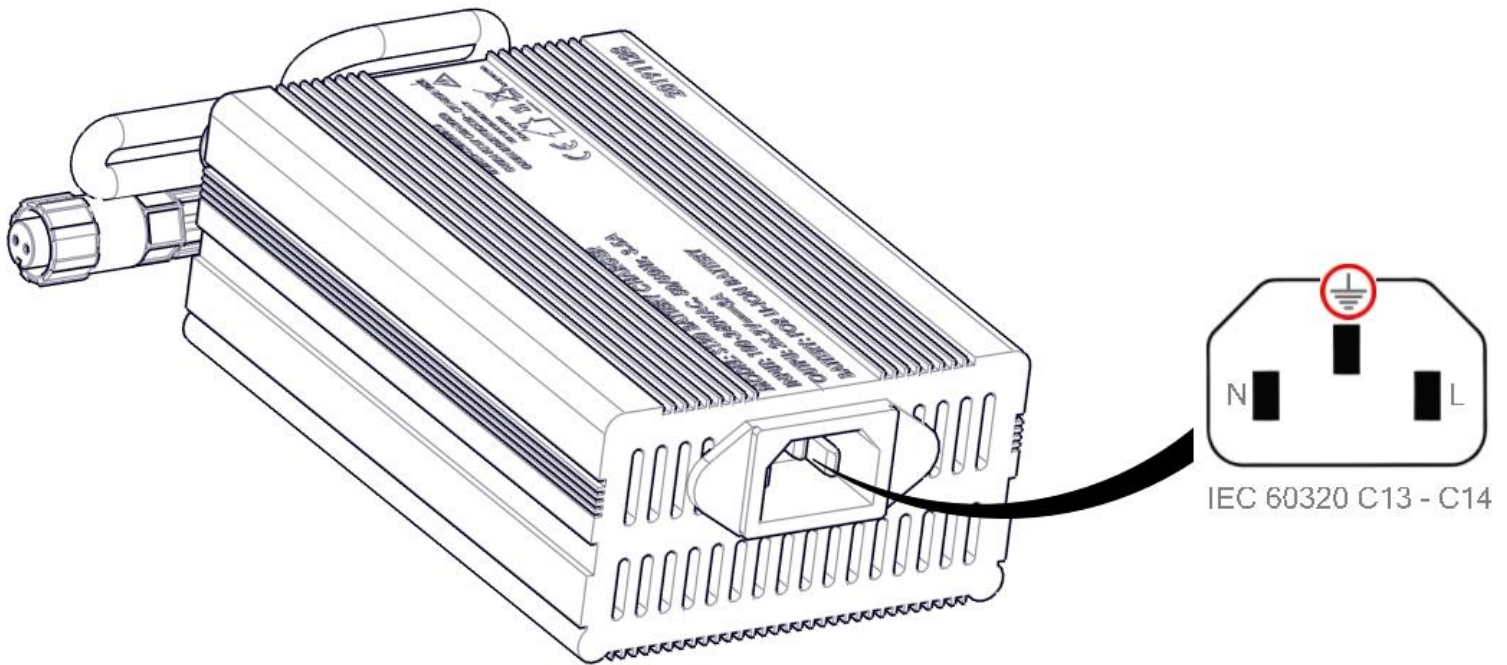
**GREEN = FULLY CHARGED**

**GREEN FLICKERING = 95% CHARGED**

**DO NOT USE A  
DIFFERENT CHARGER**



# PLUG TECHNICAL INFORMATION

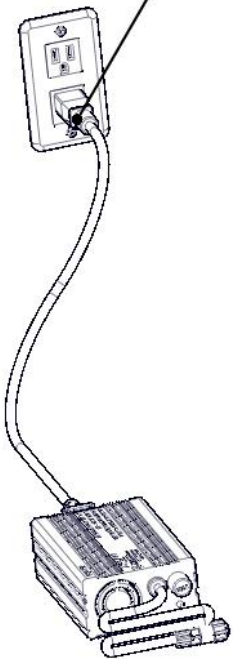


**IF YOU HAVE A PLUG TYPE OTHER THAN (A), YOU CAN USE A IEC 60320 CONNECTOR WITH YOUR COUNTRY PLUG IN THE CHARGER AS LONG AS IT IS RATED AT 250VAC AND 10A.**



# PLUG TECHNICAL INFORMATION

**TYPE A PLUG**



**COUNTRIES THAT USE TYPE A PLUGS**

COUNTRY	VOLTAGE	FREQUENCY
AMERICAN SAMOA	120	60
ANGUILLA	110	60
ANTIGUA AND BARBUDA	230	60
ARUBA	120	60
AZORES	230	50
BANGLADESH	220	50
BARBADOS	115	50
BELIZE	110/220	60
BERMUDA	120	60
BOLIVIA	230	50
BONAIRE	127	50
BRITISH VIRGIN ISLANDS	110	60
BRITISH VIRGIN ISLANDS	110	60
BURMA	230	50
CAMBODIA	230	50
CANADA	120	60
CAYMAN ISLANDS	120	60
COLUMBIA	110	60
COSTA RICA	120	60
CURACAO	127	50
DOMINICAN REPUBLIC	120	60
ECUADOR	120	60
EL SALVADOR	120	60
GUAM	110	60
GUATEMALA	120	60
GUYANA	120/240	60
HAITI	110	60
HONDURAS	120	60

COUNTRY	VOLTAGE	FREQUENCY
JAPAN	100	50
LAOS	230	50
LIBERIA	120/220	60
MARSHAL ISLANDS	120	60
MEXICO	127	60
MICRONESIA	120	60
MONTSERRAT	230	60
MYANMAR	230	50
NICARAGUA	120	60
PALAU	120	60
PANAMA	120	60
PARAGUAY	220	50
PEOPLES REPUBLIC OF CHINA	220	50
PERU	220	60
PHILIPPINES	220	60
PUERTO RICO	120	60
SABA	110	60
SAINT EUSTATIUS	110/220	60
SAINT MAARTEN	110	60
SAINT VINCENT AND THE GRENADINES	110/230	50
SURINAME	127/220	60
TAIWAN	110	60
THAILAND	230	50
TRINIDAD & TOBAGO	115	60
UNITED STATES OF AMERICA	120	60
UNITED STATES VIRGIN ISLANDS	110	60
VENEZUELA	120	60
VIETNAM	220	50