

Tekkeon

myPower

all

Universal
Rechargeable
Battery

MP3300/MP3400 User Guide



USER GUIDE

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Overview

You can use myPower™ ALL—the universal rechargeable battery—to power just about any portable device. Simply connect myPower ALL to your portable DVD player, notebook computer, digital camera, digital camcorder, portable CD player, PDA, mobile phone, or other portable device to extend the battery life. As an added bonus, myPower ALL will charge the internal battery on some devices, while also powering the device.

myPower ALL goes where you go! Slip the handy leather case onto your belt, or just toss myPower ALL into your briefcase or backpack—it's that lightweight.

Getting Started

Unpacking myPower ALL

Your myPower ALL package includes the following:

User guide (not shown)



myPower ALL lithium polymer rechargeable battery



Leather travel case with belt loop



Power adapter



Power output cord



Device At-A-Glance Card



Adapter plug kit with drawstring bag (8 adapter tips)

Getting to Know myPower ALL



Charging myPower ALL

myPower ALL will charge in four hours when completely empty. The green CHARGE indicator will turn on after the battery is 80% charged. Therefore, you should view the actual battery capacity before disconnecting the power adapter to stop charging. (Before using myPower ALL for the first time, you must charge the device for four hours.)

1. Plug the power adapter into the **DC IN** jack on the end of myPower ALL.
2. Remove the output cord from the **DC OUT** jack, if connected.
3. Plug the power adapter into a wall outlet. *The red CHARGE indicator will turn on to indicate the battery is charging and is less than 80% charged.*
4. When the green CHARGE indicator turns on, set the voltage lock to LOCK, and press the voltage selector to view the battery capacity. If the capacity does not indicate FULL, continue to charge the battery until the battery capacity indicates FULL.
5. When the battery capacity indicates FULL, unplug the power adapter.

NOTE: *myPower ALL will automatically shut down the power input when fully charged, so you can charge it overnight.*

Using myPower ALL

myPower ALL can be used to power and/or charge your portable device. With devices that require higher voltage levels, like notebook computers and portable DVD players, we recommend that you use myPower ALL only to power the device. You will find that powering without charging your higher voltage device will maximize the battery life of myPower ALL, thus letting you use your portable device even longer.

To use myPower ALL to power and/or charge your device, take these steps which are described in detail in the following sections.

- Select an adapter plug and connect the plug to the output cord.
- Connect the power output cord to myPower ALL.
- Adjust the voltage level to match that of your device and lock the voltage setting.
- Connect the adapter plug/output cord to your device.

Select/Connect the Adapter Plug

1. Select the adapter plug that fits securely into the power jack on your portable device.
2. Locate the polarity symbol on your device in the area around the power connector jack:



Center Positive



Center Negative



myPower ALL supports Center Positive polarity only. If your device has a Center Negative polarity, do not power the device with myPower ALL; contact support@tekkeon.com for assistance.

3. Connect the adapter plug to the power output cord (but not the device).

If you are using a UA-xxx adapter (rather than PA-xxx), you must insert the L34 adapter that came with your myPower ALL between the adapter cord and UA-xxx adapter as shown.

If you change the adapter plug while the power adapter cord is connected to myPower ALL, the voltage setting will reset to the lowest voltage (3V for MP3300, 5V for MP3400), which is the default voltage setting.



Connect the Power Output Cord

1. Plug the large end of the power output cord into the **DC OUT** jack on the end of myPower ALL. The **3V (MP3300) or 5V (MP3400) voltage indicator will turn on to indicate that the voltage is set to the lowest setting.**

(If you have previously selected a voltage, the voltage selection will be returned to the lowest setting.)

Adjust the Voltage Level

1. Locate the voltage specification for your portable device. This can be found on the device power adapter label or device specification label which typically is found on the bottom of the unit.

(If available, use the voltage specification shown on the power adapter.)



Sample Power Adapter Label

2. With the voltage lock in the unlocked position (switched right to VOLTAGE), set the voltage output to the voltage selection that is equal to or one increment higher than the voltage identified for your device. To do this, press the voltage selector until the voltage indicator turns on under the appropriate voltage selection (3, 4.5, 5, 6, 7.5, 9, 12, 14 for MP3300 and 5, 6, 7.5, 9, 12, 14, 16, 19 for MP3400). For example, if your device requires 6V, set the voltage to **6**. If your device requires 7.2V, set the voltage to **7.5**.

It is important to set the voltage selector NO MORE than one step higher than the voltage requirement for the portable device as an incorrect setting may prevent myPower ALL from working with your device, or may harm your device in the rare instance that the device accepts the higher voltage. However, for all devices, adjusting the voltage ONLY one step higher than required will not harm the device.

The following table provides recommended voltage settings by device type.

myPower ALL VOLTAGE SELECTION

Device Type	Voltage on Device Power Adapter	Suggested Voltage on myPower ALL
Notebook Computers	14V	12V
	16V	14V
	19V	14 - 16V
	24V	19V
Portable DVD Players	9V	7.5 - 9V
	12V	9 - 12V
Digital Cameras	5 - 6V	5 - 6V
CD Players	4.5 - 5V	5V
PDA's	5V	5V
Mobile Phones	3.7 - 5V	5V
Camcorders	9V	7.5 - 9V
	12V	9 - 12V
MP3/MP4	5V	5V

-
- Slide the voltage lock to the locked position (switched left to LOCK). This will prevent you from accidentally selecting a different voltage while your device is connected.
 - To change the voltage, slide the voltage lock to the unlocked position (VOLTAGE), and select a new voltage. Be sure to relock the voltage.

TIP: You can optimize the use of myPower ALL with your notebook computer or portable DVD player by setting the voltage on myPower ALL to less than the required voltage shown on the notebook computer power supply. This prevents myPower ALL from charging the device, thus extending the amount of time you can use myPower ALL to power your notebook computer.

Most notebook computers have a battery voltage of 11.1V or 14.8V, allowing them to be powered with 12V or 14V. Therefore, it is recommended that you set the voltage to 12V first, and then test to see if it will power your notebook. If not, increase the voltage to 14V, and retest. For MP3400 repeat this process until you reach the voltage that will power your notebook.

Even though myPower ALL MP3300 provides only up to 14V, it may be used to power notebooks. To determine if MP3300 can power your notebook, verify that the total output power provided by the device power adapter is not more than 64W. To do this, multiply the voltage by the amps shown on the power adapter ($\text{Watt} = \text{Voltage} \times \text{Amps}$). If the output power is greater than 64W, myPower ALL will not power or charge the device. If it is less than 64W, set the voltage on MP3300 to 12V and test to see if it will power your notebook at this setting. If not, increase the voltage to 14V and retest.

Most portable DVD players require 9 or 12 volts. Set the voltage to 7.5V and test to see if myPower ALL will power your device at this setting. If not, increase the voltage by one level and retest.

Connect the Portable Device

1. Connect the adapter plug into the power jack on the portable device.
2. Turn on the portable device and use it as you would normally. *While connected, myPower ALL will power and charge your device. (As mentioned earlier, myPower ALL will not charge a device if the voltage setting is lower than that required.)*

or

Leave the portable device turned off and myPower ALL will charge the device battery.

3. When finished, unplug the power output cord from myPower ALL and your device.

NOTE: *If your portable device displays a low voltage/low capacity or double-beep warning while myPower ALL is connected, adjust the voltage setting to one level higher.*

TIP: *For most portable devices, myPower ALL can be used to power the device even when the device battery is not installed.*

View myPower ALL Battery Capacity

The capacity in myPower ALL will decrease as the battery powers and/or charges your devices.

The remaining voltage is shown on the voltage indicator, which is accessed as described on page 9. As the voltage decreases, the lights will turn off in sequence from right to left. When the myPower ALL battery capacity is low, only the red EMPTY light will be on. You should recharge myPower ALL at this time. When myPower ALL is completely out of battery, all lights will be off. At this point, you must charge myPower ALL.

1. With the voltage lock in the locked position (LOCK) and the adapter plug/power output cord, or the power adapter connected, press and hold the voltage selector. *When you release the voltage selector, the battery capacity indicators will turn off, and one indicator will turn on to indicate the voltage selection.*

CAPACITY INDICATOR

Red Indicator	1-5% <i>(Recharge before using)</i>
1st Green Indicator	5-15%
2nd Green Indicator	15-25%
3rd Green Indicator	25-40%
4th Green Indicator	40-55%
5th Green Indicator	55-70%
6th Green Indicator	70-85%
7th Green Indicator	85-100%

Recording Device Information

The Device At-A-Glance Card included with myPower ALL enables you to record the information you need to use myPower ALL with each of your portable devices. Simply record the device name, required voltage, and reference letter for the compatible adapter. Store the card in the pocket provided inside the leather case.



Obtaining Adapters

Eight adapter plugs that fit most DC adapter jacks on a variety of portable devices are included with myPower ALL. If none of these plugs fits snugly into your portable device power jack, please go to our web site at www.tekkeon.com/mpadapters to determine which adapter plug you need for your device. You can obtain most adapters through the web site, or by contacting Tekkeon by phone at 888-787-5888 or 1-714-832-1266. If available through Tekkeon, the adapter will be sent to you for a nominal fee.

Troubleshooting

If myPower ALL does not power the portable device or charge the device battery, take these steps:

1. Verify that the current consumption of the portable device is not more than 3.5 Amp. (3.5 Amp for both MP3300 and MP3400). If the device consumes more than the maximum provided by myPower ALL, the device will shut down when turned on and cannot be powered and/or charged by myPower ALL.
2. Verify that the device does not require more than 14V (MP3300) or 19V (MP3400). If the device requires more, MP3300/MP3400 will not be able to charge the device. However, in most but not all cases, MP3300/MP3400 will be able to power the device.
3. View the remaining battery capacity. If it is below 25%, recharge myPower ALL.
4. Check that the output cord is connected to both myPower ALL and the portable device, and that the adapter plug fits snugly into the power jack on your portable device. If not, try another adapter.
5. Verify that the polarity of the device power jack is Center Positive.
If the polarity is Center Negative, please contact support@tekkeon.com for assistance.
6. Check that the output voltage for your portable device matches or is just below the output voltage set on myPower ALL. If the output voltage is not correct, unlock the voltage lock (if in the locked position), and change the voltage as required. (Please ensure the cable is unplugged from the portable device while changing the voltage.)
7. Verify that a battery is installed in the portable device as some devices will not function without a battery installed.
8. Verify if your device is designed with charging circuitry that limits the input voltage. If so, myPower ALL may not be able to power or charge the device. (For example, if a device is designed to accept only a 10.2V input, then myPower ALL may not be able to power or charge the device.)



*Center Positive
Symbol*



*Center Negative
Symbol*

Limited Warranty

The product enclosed herein is warranted to be free of operational defects for a period of one year from the date of purchase. In the event of a defect in operation during the warranty period Tekkeon, Inc. will replace the defective product when the owner returns all product contents. The limited warranty will be considered void if the unit is tampered with, subject to misuse, negligence or accidental damage, has been improperly serviced, or if the security seal is removed. This warranty is limited to replacement only and shall not cover any other damages. Any product returned to Tekkeon, Inc. with no fault found will be returned to the owner at the owner's expense.

To obtain warranty coverage, please complete and submit the enclosed registration card.

Disclaimer of Warranties

Any user of this product does so at the user's own risk. To the maximum extent permitted by applicable law, Tekkeon, Inc. and its suppliers provide the hardware and any support services related thereto "as is" and with all faults; and hereby disclaim all warranties and conditions, whether express, implied or statutory, including, but not limited to implied warranties of merchantability, fitness for a particular purpose, non-infringement, lack of negligence or correspondence to description, except for those warranties specifically and expressly provided in the Limited Warranty.

With respect to the use of this product, in no event shall the company be liable for any loss of profit or any other commercial damage, including but not limited to special, incidental, consequential and other damages.

Customer Support

Customer support for myPower ALL is available at:

Tekkeon, Inc.

c/o myPower ALL

3002 Dow Avenue, #134

Tustin, CA 92780

888-787-5888 / 714-832-1266

www.tekkeon.com

Tekkeon, Inc. must issue a Return Merchandise Authorization (RMA) number for all exchanges or refunds.

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Rev B

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Cut loose. Stay loose.