



RECHARGEABLE USB ELECTRONICS CHARGER

INSTRUCTION MANUAL



CUSB6

SAVE THIS MANUAL FOR FUTURE REFERENCE.
CONSERVE ESTE MANUAL PARA FUTURAS CONSULTAS.



Intertek

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.

SAFETY GUIDELINES / DEFINITIONS

▲ DANGER: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

▲ WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

▲ CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION: Used without the safety alert symbol indicates potentially hazardous situation which, if not avoided, may result in property damage.

RISK OF UNSAFE OPERATION. When using tools or equipment, basic safety precautions should always be followed to reduce the risk of personal injury. Improper operation, maintenance or modification of tools or equipment could result in serious injury and property damage. There are certain applications for which tools and equipment are designed. Manufacturer strongly recommends that this product NOT be modified and/or used for any

application other than for which it was designed. Read and understand all warnings and operating instructions before using any tool or equipment.

IMPORTANT SAFETY INSTRUCTIONS

⚠WARNING: This product or its power cord contains lead, a chemical known to the State of California to cause cancer and birth defect or other reproductive harm. Wash hands after handling.

GENERAL SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS

⚠WARNING: Read all instructions before operating product. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

- **This unit was designed for household use only.**
- **Avoid dangerous environments.** Don't use this unit in damp or wet locations. Use in a dry location only.
- **Keep children away.** Keep away from children. This is not a toy!

- **Store indoors.** When not in use, this unit should be stored indoors in a dry, and high or locked-up place – out of reach of children.
- **Proper cooling is essential** when operating this unit. Do not place it near a vehicle's heat vent or in direct sunlight.
- **Use of accessories and attachments:** The use of any accessory or attachment not recommended by manufacturer for use with this unit could be hazardous.
- **Check damaged parts.** A part that is damaged should be properly repaired or replaced by manufacturer.

⚠WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK:

- Never immerse this unit or its components in water or any other liquid, or use when wet.
- Do not insert foreign objects into the unit's outlets.

When Charging:

- Charge indoors only. Do not expose chargers to water or any other liquid.
- Use only the charging adapters supplied by the manufacturer to recharge.
- When an extension cord is used:

- The marked rating of the detachable power supply cord or extension cord should be at least as great as the electrical rating of this appliance.
- The cord should be arranged so that it will not drape over the countertop or tabletop where it can be tripped over, snagged, or pulled on unintentionally (especially by children).
- The extension cord should be kept dry and off the ground.

⚠ WARNING: TO REDUCE THE RISK OF FIRE:

- Do not operate near flammable materials, fumes or gases.
- Do not expose to extreme heat or flames.
- This unit is rated to draw up to 1.5 amperes from a 12V vehicle outlet when using the 12V DC/USB Charging Adapter. Ensure that the engine system in your vehicle can supply sufficient energy to the unit without causing the vehicle accessory outlet fuse to open. Information on the vehicle accessory fuse ratings are typically found in the vehicle operator's manual.
- **Make sure that the 12 volt outlet is free of debris and the 12V DC/USB Charging Adapter fits tightly in the outlet.**

When Charging or Using the Unit Coded:

- If the vehicle accessory outlet fuse opens (blows) when plugging in the 12V DC/USB Charging Adapter, do not use this device with this vehicle accessory outlet:
 - Do not repeatedly replace the vehicle accessory outlet fuse.
 - Do not replace the vehicle accessory outlet fuse with one of a higher amperage rating.
 - Never attempt to patch the fuse with tin foil or wire.
- **Any of these actions may cause serious electrical damage and/or a fire.**

⚠ CAUTION: TO REDUCE THE RISK OF INJURY OR PROPERTY DAMAGE:

- **Never connect the unit to a positive grounded vehicle.**
- The 12 Volt DC/USB Charging Adapter must only be connected to batteries with a nominal output voltage of 12 volts. The unit will not operate from a 6 volt battery and will sustain permanent damage if connected to a 24 volt battery.
- Do not expose this unit to extremely high temperatures.
- Do not drop or throw the unit. It contains a lithium-ion battery pack.

- Do not open body casing. There are no user-serviceable parts inside.
- Do not use this unit with medical devices. It is not tested for medical applications.
- Do not use this unit on a watercraft. It is not qualified for marine applications.

Mobile Phones:

Some mobile phone leads do not allow charging from a standard USB port. Check with the mobile phone manufacturer before using the phone with this charger.

Rechargeable Devices:

If there is any sign that your appliance is behaving differently when plugged into this charger than it does when connected to the usual power source, unplug the appliance and seek advice from the appliance manufacturer.

Incompatible Devices:

Some household USB-powered electronics will not operate with this unit, the 120 Volt AC/USB Charging Adapter's USB Port or the 12 Volt DC/USB Charging Adapter's USB Port. Check the manual of the corresponding electronic device to confirm that it can be used with this type of USB port.

When Charging or Using the Unit Coded:

- Use only with AC/USB or DC/USB charging adapter or the USB charging cable provided with unit. Plug in the charging adapter at the charging source first, then plug into the unit.
- Do not overcharge: Recharge up to 6 hours maximum or until all four blue Battery Status Indicators light solid.
- Do not attempt to charge the unit if the charger is damaged – return the charger to manufacturer for repair or replacement.
- Do not crush, cut, pull or expose charging adapter cords to extreme heat.
- Position charging adapter cords so they do not become entangled or become a safety hazard. Keep charging adapter cords away from sharp edges.
- To reduce risk of damage to charging adapter plugs and cords, pull by plug rather than cord when disconnecting.
- After charging/recharging, disconnect charging adapter and wait 5 minutes before use.

SPECIFIC SAFETY INSTRUCTIONS FOR LITHIUM-ION BATTERIES

▲WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, BURST HAZARD, OR INJURY TO PERSONS OR PROPERTY:

Lithium-ion batteries are small, compact and ideal for providing long-lasting power to this unit. However, they must be used and charged properly. Improper use can result in serious injury, fire, or death.

- Lithium-ion batteries can explode in the presence of a source of ignition. Do not use the product in the presence of an open flame.
- Do not place this lithium-ion battery powered unit in fire or apply heat to it.
- Do not subject this lithium-ion battery powered unit to strong impacts or shocks. The battery in this unit contains safety and protection devices which, if damaged, may cause the battery to generate heat, rupture or ignite.
- Do not expose this lithium-ion battery powered unit to water or salt water, or allow the battery to get wet.
- Avoid storing this lithium-ion battery powered unit in the basement, bathroom or other areas of the

house that are or may become wet or humid or where moisture may concentrate.

- Do not leave this lithium-ion battery powered unit in direct sunlight, or use or store the unit inside cars in hot weather. Doing so may cause the battery to generate heat, rupture, or ignite. Using the battery in this manner may also result in a loss of performance and a shortened life expectancy.
- Never charge this unit near heat or flammable objects.
- **NEVER THROW WATER ON A BURNING LI-ION BATTERY! If a lithium-ion battery does catch on fire, it will burn even more violently if it comes in contact with water or even moisture in the air. A fire extinguisher must be used.**

Battery Charging and Capacity

This unit is delivered in a partially charged state – you must fully charge it before using it for the first time.

When stored at room temperature with a full charge, Li-ion batteries will begin to discharge from the time they are manufactured, even when unused. Deep discharges also decrease their capacity. Battery life can be extended by the following:

- Charge battery to full capacity before storage.
- Store this unit at temperatures between 5°C and 20°C (41°F and 68°F).
- Never discharge the battery fully.
- Charge after each use.
- Always charge at least once every 3-6 months if not in frequent use to prevent overdischarge.

Transportation of Lithium-Ion Batteries

- Always check all applicable local, national, and international regulations before transporting a unit containing a Lithium-Ion battery.
- Transporting an end-of-life, damaged, or recalled battery may, in certain cases, be specifically limited or prohibited.
- Install and operate only as described in this Instruction Manual.

SAVE THESE INSTRUCTIONS

INTRODUCTION

Congratulations on purchasing your new **Cat® Rechargeable USB Electronics Charger**. Read this

Instruction Manual and follow the instructions carefully before using this unit.

Controls and Functions

MAIN POWER BUTTON

BATTERY STATUS INDICATORS



DUAL USB POWER PORTS

USB CHARGING CABLE (FOR USE WITH 120 VOLT AC/USB AND 12 VOLT DC/USB CHARGING ADAPTERS)



12 VOLT DC/USB CHARGING ADAPTER

12 VOLT DC/
USB CHARGING
ADAPTER LED
INDICATOR



12 VOLT DC/USB CHARGING
ADAPTER USB PORT

120 VOLT AC/USB CHARGING ADAPTER



120 VOLT
AC/USB
CHARGING
ADAPTER
USB PORT

CHARGING/RECHARGING

Follow all directions in the “Important Safety Instructions” section of this manual when charging this unit.

This unit is shipped in a partially charged state. Charge unit after purchase and **BEFORE** first use using the 120 Volt AC/USB Charging Adapter for 6 hours or until all four Battery Status Indicators light blue.

Recharge after each use until all four Battery Status Indicators light blue to prolong battery life. Frequent heavy discharges between recharging and/or overcharging will reduce battery life.

IMPORTANT NOTES:

- When the unit is not in use, we recommend that the battery is charged at least every 3 to 6 months.
- If the unit will not charge after following the directions, refer to the “Troubleshooting” section.
- The unit’s Main Power Button is disabled once the charging process has started. Pressing it during the charging process will have no effect.

⚠WARNING: Never attempt to use both USB ports for charging at the same time.

Charging/recharging using the 120 Volt AC/USB Charging Adapter

1. Make sure the Main Power Button is turned off (none of the blue battery status indicators are lit).
2. Insert the USB Charging Cable into the 120 Volt AC/USB Charging Adapter.
3. Plug the 120 Volt AC/USB Charging Adapter into a (powered) standard North American 120 volt 60Hz outlet.
4. Insert the other end of the USB Charging Cable into one of the dual USB Ports on the left side of the unit. The four blue Battery Status Indicators will cycle from low to high repeatedly to indicate the unit is charging.
5. Charge up to 6 hours or until all four blue Battery Status Indicators light solid.
6. When charging is complete, first unplug the 120 Volt AC/USB Charging Adapter from the AC outlet, then disconnect the USB Charging Cable from the adapter and the unit. Store the adapter and cable in a safe place.

Charging/recharging using the 12 Volt DC/USB Charging Adapter

1. Make sure the Main Power Button is turned off (none of the blue battery status indicators are lit).
2. Insert the USB Charging Cable into the 12 Volt DC/USB Charging Adapter.
3. Insert the 12 Volt DC/USB Charging Adapter into the 12 volt DC accessory outlet of a vehicle or other 12 volt DC power source. The LED indicator on the 12 volt DC/USB Charging Adapter will light green when it is properly connected to a functioning 12 volt DC power source.
4. Insert the other end of the USB Charging Cable into one of the dual USB Ports on the left side of the unit. The four blue Battery Status Indicators will cycle from low to high repeatedly to indicate the unit is charging.
5. Charge until all four blue Battery Status Indicators light solid.
6. When charging is complete, first unplug the 12 volt DC/USB Charging Adapter from the 12 volt DC power source, then disconnect the USB Charging Cable from the adapter and the unit. Store the adapter and cable in a safe place.

Note: Some vehicles require that the ignition be switched to the accessory outlet position in order to power the accessory outlet.

Charging/Recharging Using the USB Charging Cable

1. Make sure the Main Power Button is turned off (none of the blue battery status indicators are lit).
2. Insert the USB charging cable into a functioning USB-powered device.
3. Insert the other end of the USB charging cable into one of the dual USB ports on the left hand side of unit. The four blue battery status Indicators will cycle from low to high repeatedly to indicate the unit is charging.
4. Charge until all four blue Battery Status Indicators light solid.
5. When charging is complete, unplug the USB charging cable and store it in a safe place.

OPERATING INSTRUCTIONS

Operating the Charger

CORDLESS USE

The charger's dual USB ports allow simultaneous operation of multiple devices.

1. Charge the unit, following the instructions in the "Charging/Recharging" section, then make sure the adapters/cable are disconnected once the unit is fully charged.
2. Press and hold the Main Power Button for 5 seconds to power on the dual USB ports. The Battery Status Indicator(s) will light solid to indicate the internal battery status.
3. Plug the USB device(s) into the unit's USB port(s) and operate normally.
4. Press and hold the Main Power Button again for 5 seconds to turn the unit off.

Make sure the Main Power Button has been turned off (none of the blue Battery Status Indicators are lit) when the unit is being recharged or stored.

Recharge this unit fully after each use.

Notes: The charger's dual USB ports do not support data communication. The two USB ports only provide 5 Volts/ 2A DC power combined to external USB devices. Do not attach USB Hubs or more than two personal electronic devices at one time to this charger.

IMPORTANT:

- ***The unit will automatically shut down if it detects there is no USB output power for 1 minute.***

- If the battery of the unit is overheated due to extensive use, the four blue Battery Status Indicators will flash for 5 seconds before the unit automatically shut down. Allow the unit to cool down for a period before resuming operation.
- If you attempt to use the unit cordless when the battery charge level is too low, the built-in low voltage protection will cause the unit to automatically shut down. Immediately recharge the unit with all other functions turned off.
- Monitor the battery status during use:
 - When all four blue Battery Status Indicators are lit, the unit has a full battery.
 - When only one blue battery status indicator is lit solid, the battery is operating at low voltage and the unit should be recharged.
 - When only one blue Battery Status Indicator flashes, the battery is operating at extremely low voltage. The built-in low voltage protection will activate and the unit will automatically shut down. Disconnect all devices and recharge the unit immediately.

CORDED USE

When the unit is properly connected to any of the power source through the adapter or cable (120 volt AC/USB charging adapter, 12 volt DC/USB charging

adapter or the USB charging cable), the remaining USB port will be live, allowing the user to charge or operate a single USB device without draining the unit's internal battery.

When operating the unit corded, the Battery Status Indicators will show the charging status mode (cycling from low to high). Also, the unit's Main Power Button will be inactive.

1. Make sure the Main Power Button is turned off.
2. Attach the appropriate adapter or cable as described in the "Charging/Recharging" section.
3. Plug the USB device into the unit's remaining USB port and operate normally.

Notes: The charger's remaining USB port does not support data communication. It only provides 5 Volts/2A DC power to an external USB device when using either Charging Adapter. Output power provided when using the USB Cable depends on the USB power source. Do not attach USB Hubs or more than one personal electronic device at one time to the Charger when using it in corded mode.

IMPORTANT:

- If the unit is disconnected from the power source during corded use, the USB ports will shut down. To turn the USB ports on again, press and hold

the Main Power Button for 5 seconds to use the unit's internal battery for power.

Operating the 120 Volt AC/USB Charging Adapter's USB Port

1. Plug the 120 Volt AC/USB Charging Adapter into a (powered) standard North American 120 volt 60Hz outlet.
2. Plug the USB device into the USB port and operate normally.

Notes: The 120 Volt AC/USB Charging Adapter's USB Port does not support data communication. It only provides 5 Volts/2A DC power to an external USB device.

Do not attach USB Hubs or more than one personal electronic device at a time to this Adapter.

Remember to disconnect the Adapter from any power source when not in use.

▲WARNING: TO AVOID THE RISK OF PROPERTY

DAMAGE: Always plug the 120 volt AC/USB charging adapter to the standard North American 120 volt 60Hz outlet first before plugging any devices into it.

Operating the 12 Volt DC/USB Charging Adapter's USB Port

1. Plug the 12 Volt DC/USB Charging Adapter into a vehicle's 12 volt DC accessory outlet or other functioning 12 volt DC power source. The LED Indicator will light green to indicate that it is properly connected.
2. Plug the USB device into the USB port and operate normally.

Notes: Some vehicles require that the ignition be switched to the accessory outlet position in order to power the accessory outlet.

The 12 Volt DC/USB Charging Adapter's USB Port does not support data communication. It only provides 5 Volts/2A DC power to an external USB device.

Always connect the unit to the 12 volt DC power source first before plugging any devices into the unit.

Do not attach USB Hubs or more than one personal electronic device at a time to the Adapter.

Remember to disconnect the Adapter from any power source when not in use.

▲WARNING: TO AVOID THE RISK OF PROPERTY DAMAGE:

- **Never connect the 12 Volt DC/USB Charging Adapter to a positive grounded vehicle.**

- The 12 Volt DC/USB Charging Adapter must only be connected to batteries with a nominal output voltage of 12 volts. The unit will not operate from a 6 volt battery and will sustain permanent damage if connected to a 24 volt battery.

TROUBLESHOOTING

Problem	Explanation/Recommendation
Unit will not charge	<ul style="list-style-type: none"> • The unit will not begin charging if the unit's Main Power Button is turned on. The Main Power Button must be turned off (none of the blue battery status indicators are lit) before the unit will begin charging. • Check the connection to the AC or DC power source. Make sure there is good contact. • Confirm that there is a functioning AC or DC current.

Problem	Explanation/Recommendation
Unit will not charge (continued)	<ul style="list-style-type: none"> • If the battery of the unit is overheated due to extensive charging/recharging, the charging process will stop and the four blue Battery Status Indicators will flash until the Charging Adapter or USB Charging Cable is disconnected from the unit or power source. Allow the unit to cool down for a period before resuming charging.
Unit will not operate cordless	<ul style="list-style-type: none"> • Make sure the unit is disconnected from any live AC or DC power source. • Make sure the Main Power Button is on (pressed and held for 5 seconds). • Check that the combined rating of all equipment simultaneously plugged into the unit's USB outlets do not exceed 2A continuous. • Some household USB powered electronics will not operate with this unit. Check the manual of the corresponding electronic device to confirm that it can be used with this type of charger.

Problem	Explanation/Recommendation
Unit will not operate cordless (continued)	<ul style="list-style-type: none"> • The unit may have shut down to protect the battery from overheating due to extensive use. The four blue Battery Status Indicators flash for 5 seconds before shutdown. Allow the unit to cool down for a period before resuming operation. • The internal battery may be completely discharged. Charge the unit following the directions. If the unit does not operate after recharging as directed, contact the manufacturer at 855-806-9228 (855-806-9CAT).
Unit will not operate in corded mode	<ul style="list-style-type: none"> • Check that the Main Power Button is off (none of the blue battery status indicators are lit). • Check the connection to the power source. Make sure there is good contact. • Confirm there is a functioning current at the power source.

Problem	Explanation/Recommendation
Unit will not operate in corded mode (continued)	<ul style="list-style-type: none"> • Check that the rating of the equipment plugged into the unit's remaining USB port does not exceed 2A continuous when using either Charging Adapter or the output power of the USB power source when using the USB Cable. • Some household USB powered electronics will not operate with this unit. Check the manual of the corresponding electronic device to confirm that it can be used with this type of charger.
The 120 Volt AC/USB Charging Adapter's USB Port will not operate	<ul style="list-style-type: none"> • Make sure there is live AC power to the outlet the 120 volt AC/USB charging adapter is plugged into. • Make sure the rating of equipment plugged into the charging adapter's USB port does not exceed 2A continuous. • Some household USB-powered electronics will not operate with this unit. Check the manual of the corresponding electronic device to confirm that it can be used with this type of charger.

Problem	Explanation/Recommendation
The 12 Volt DC/USB Charging Adapter's USB Port will not operate / the 12 Volt DC/USB Charging Adapter's LED indicator does not come on	<ul style="list-style-type: none"> • Check the connection to the 12 volt power source. Make sure there is good contact. • Make sure the rating of equipment plugged into the charging adapter's USB port does not exceed 2A continuous. • Some household USB-powered electronics will not operate with this unit. Check the manual of the corresponding electronic device to confirm that it can be used with this type of charger. • Confirm there is a functioning DC current. • The fuse inside may have blown. Replace the fuse following the instructions in this manual.

CARE AND MAINTENANCE

Storage

1. Ideal storage temperature range is between 5°C and 20°C (41°F and 68°F).
2. Store and use the unit in a cool, dry place with adequate ventilation for all-around air circulation.
3. Avoid locations that are exposed to heating units, radiators, direct sunlight, or excessive humidity or dampness.

Battery Replacement/Disposal

BATTERY REPLACEMENT

The battery should last the service life of the unit. Contact manufacturer for any information you may need.

SAFE BATTERY DISPOSAL

Contains a lithium-ion battery, which must be disposed of properly. Recycling is required. Failure to comply with local, state and federal regulations can result in fines, or imprisonment.

Please recycle.

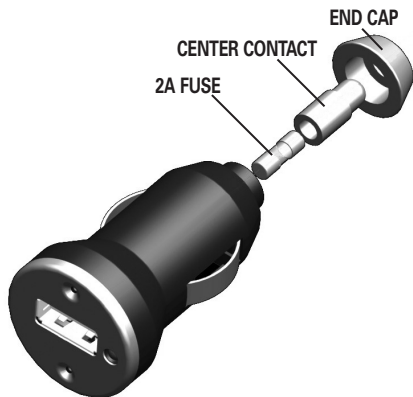


⚠ WARNINGS:

- Do not dispose of the battery in fire as this may result in an explosion.
- Do not expose battery to fire or intense heat as it may explode.

Fuse Replacement in the 12 Volt DC/USB Charging Adapter

1. Unscrew the end cap counterclockwise and remove.
2. Remove center contact and fuse.
3. Check fuse with a continuity checker.
4. If blown, locate a replacement 2 amp fuse.
5. Replace the fuse, center contact and end cap.
6. Screw end cap clockwise until it is finger tight - DO NOT OVER-TIGHTEN.
7. Test for proper operation of the 12 Volt DC/USB Charging Adapter.



ACCESSORIES

Recommended accessories for use with your tool are available from the manufacturer.

⚠ WARNING: The use of any accessory not recommended for use with this appliance could be hazardous.

SERVICE INFORMATION

Whether you need technical advice, repair, or genuine factory replacement parts, contact the manufacturer at 855-806-9228 (855-806-9CAT).

TWO-YEAR LIMITED WARRANTY

The manufacturer warrants this product against defects in materials and workmanship for a period of TWO (2) YEARS from the date of retail purchase by the original end-user purchaser ("Warranty Period").

If there is a defect and a valid claim is received within the Warranty Period, the defective product can be replaced or repaired in the following ways: (1) Return the product to the manufacturer for repair or replacement at manufacturer's option. Proof of purchase may be required by manufacturer. (2) Return the product to the retailer where product was purchased for an exchange (provided that the store is a participating retailer). Returns to retailer should be made within the time period of the retailer's return policy for exchanges only (usually 30 to 90 days after the sale). Proof of purchase may be required. Please check with the

retailer for their specific return policy regarding returns that are beyond the time set for exchanges.

This warranty does not apply to accessories, bulbs, fuses and batteries; defects resulting from normal wear and tear, accidents; damages sustained during shipping; alterations; unauthorized use or repair; neglect, misuse, abuse; and failure to follow instructions for care and maintenance for the product.

This warranty gives you, the original retail purchaser, specific legal rights and you may have other rights which vary from state to state or province to province.

Please complete the Product Registration Card and return within 30 days from purchase of the product.

SPECIFICATIONS

Rechargeable USB Electronics Charger

Battery: Lithium-Ion, 3.6 V DC

Input: 5V DC, 2A

Output: 5V DC, 2A total

120 Volt AC/USB Charging Adapter

Input: 120V AC, 60Hz, 0.25A

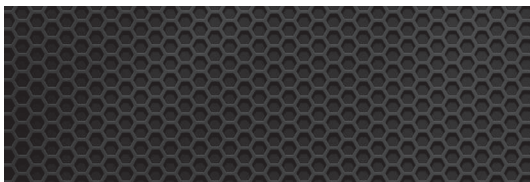
Output: 5V DC, 2A

12 Volt DC/USB Charging Adapter

Input: 12V DC, 1.1A

Output: 5V DC, 2A

Fuse: 2A



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