



JUNIPER<sup>®</sup>  
systems

# mesa

travelcharger



owner's manual

## Mesa Travel Charger

The Mesa Travel Charger is an optional accessory that allows you to charge Mesa battery packs on the go. One or two battery packs can be charged at once.



### How to Use the Travel Charger

1. Battery pack(s) should be charged at room temperature (68° F or 20° C)
2. Place the travel charger on a flat surface where it will be undisturbed.
3. The following accessories can be used to provide power to the travel charger:

- a. AC wall power charger provided with the Mesa
- b. Vehicle charger cable provided with the travel charger

Plug a power adapter into the power input jack on the back of the travel charger. Plug the other end into a wall outlet or a vehicle outlet.

4. Insert one or two battery packs into the charging slots. Make sure you insert them fully. You will feel a slight catch.

## **Charge Time**

Two depleted batteries (in the charger at same time): approximately 3.5 hours to fully charge.

One depleted battery: approximately 2.6 hours to fully charge.

## LED Indicators

Each battery compartment has a green and red LED. The LED states indicate the following:

LED State	Indicates
Red LED On	Battery pack charging
Green LED On	Battery pack fully charged
Red Flashing LED	Battery pack or charging fault

### *Battery Pack or Charging Faults and Remedies*

Possible causes for a flashing red LED:

- **Over-discharged battery:** The battery pack is severely depleted. The red LED flashes a few seconds after the battery is inserted. If the red LED continues to flash for a couple of minutes, remove the battery pack. It might be faulty, requiring replacement.
- **Pre-charge time out:** A low battery pack is inserted and the voltage does not reach an

acceptable charge level. The red LED flashes 30 minutes into the charge. The battery pack might be at the end of its life or faulty, requiring replacement. Note: Do not confuse this with the out-of-temperature fault (below).

- **Out-of-temperature range for safe charging:** The charger senses the battery pack is too cold ( $< 0^{\circ}\text{C}$ ,  $32^{\circ}\text{F}$ ) or too hot ( $> 40^{\circ}\text{C}$ ,  $104^{\circ}\text{F}$ ) for safe charging. This can occur at any time in the charge cycle. The red LED continues to flash, even after the battery pack is removed. Reset the charger by inserting a battery pack with an acceptable temperature or remove and reapply the external power to the charger. Bring the temperature of the battery pack into the safe charging range. If the problem persists, the battery pack might be faulty, requiring replacement.
- **Charge cycle time out:** The battery pack does not reach full charge within eight hours. The battery pack might be at the end of its life or faulty, requiring replacement.



## Battery Warnings

**WARNING!** These warnings are for lithium ion rechargeable batteries.

To reduce the risk of fire or burns, do not disassemble, crush, puncture, short external contacts, or expose to fire.

Do not disassemble or open, crush, bend or deform, puncture or shred.

Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.

Only use the battery for the system for which it is specified

Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.

Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.

Replace the battery only with another battery that has been qualified with the system.

Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.

Promptly dispose of used batteries in accordance with local regulations

Battery usage by children should be supervised.

Avoid dropping the battery. If the battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.

Improper battery use may result in a fire, explosion or other hazard.



### **Wall Charger Warnings**

**WARNING!** To reduce the risk of personal injury, electrical shock, fire or damage to the equipment:

Plug the wall charger into an electrical outlet that is easily accessible at all times.

Disconnect power from the equipment by unplugging the wall charger from the electrical

outlet or unplugging the synchronization cable from the host computer.

Do not place anything on the wall charger cord or any of the other cables. Arrange them so that no one may accidentally step on or trip over them.

Do not pull on a cord or cable. When unplugging the wall charger from the electrical outlet, pull on the plug, not the cord.

Use only wall chargers intended for the Mesa. Using any other external power source can damage your product and void your warranty.

## **Regulatory Information**

### ***United States (FCC)***

This device complies with Part 15 of the FCC Rules. Operation of this equipment is subject to the following two conditions:

1. The device may not cause harmful interference.

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 when the equipment is used in a commercial or residential environment. This equipment generates, uses, and can radiate radio frequency energy and, if not used in accordance with the Owner's Manual, may cause harmful interference to radio communication. If this 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 the 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.

 **CAUTION:** Only approved accessories may be used with this equipment. In general, all cables must be high quality, shielded, correctly terminated, and normally restricted to two meters in length. Wall chargers approved for this product employ special provisions to avoid radio interference and should not be altered or substituted.

 **CAUTION:** Changes or modifications to the Mesa that are not expressly approved by the manufacturer could void the user's authority to operate the equipment.

### ***Industry Canada***

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

### ***CE Marking***



Products bearing the CE marking comply with the 2004/108/EC (EMC Directive) issued by the Commission of the European Community.

CE compliance of this device is valid only if powered with/by a CE-marked wall charger provided by the manufacturer. Compliance with these directives implies conformity to the following standards:

EN 61000-6-3:2007 Generic standards —  
Emission standard for residential, commercial  
and light-industrial environments.

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