

SPECIFICATIONS

MODEL	79167
Battery type	Ni-MH (Nickel metal hydride)
Capacity (C), Ah	2.3
Rated voltage,V	4.8
Charged battery voltage, V	5.8
Discharged battery voltage, V	3.6
Mains voltage range, V	AC 100-240V, 50-60 Hz
Full charge time, h	6
Cycle life, at least	500
Charge temperature range	0 °C ... +45 °C / 32 °F ... 113°F
Operating temperature	-25 °C ... +50 °C / -13 °F ... 122 °F
Compatibility	Quantum / Forward DFA75 / Forward DN55
Dimensions, mm / inch	70x37x37 / 2.7x1.4x1.4
Weight, kg / oz	0.13 / 4.6

PACKAGE CONTENTS

- Battery pack 2 pcs
- Charging container with mains charger (100-240V)
- Pouch - 2 pcs
- User manual

For improvement purposes, design of this product is subject to change.

DESCRIPTION

Pulsar DNV Battery Pack is designed to prolong self-contained operation of digital devices **Forward DFA75**, **Forward DN55**, **Quantum** thermal imagers, and other compatible devices. The **Battery Pack** features large capacity and compact size. The **Battery Pack** is charged with the help of a special container; the box also includes a bag for safe transportation.

Precautions:

- Do not expose to, dispose of the Battery Pack in fire.
- **The Battery Pack is not water-resistant.**
- Do not connect external equipment with a current consumption exceeding fixed limit.
- **Do not allow the battery to short-circuit!**
- Do not dismantle or deform the Battery Pack.
- Keep out of reach of children.

Charging:

- Only use the charger supplied with the Battery Pack. **The use of another charger may irreparably damage the Battery Pack or the charger and may cause fire.**
- Never use a modified or damaged charger.
- Charging current and voltage must comply with the parameters outlined in the specifications table.
- Charge the Battery Pack at a temperature ranging from 0 °C to +45 °C.
- **If the Battery Pack was kept in low temperature, before charging, make sure that the battery has warmed to room temperature.**
- Do not leave the Battery Pack with a charger connected to the mains longer than 24 hours after full charge.
- **Do not leave the Battery Pack unattended when charging.**

Discharge:

- Discharge current must not exceed 1xC (capacity). Exceeding current may cause the Battery Pack to lose its capacity and to heat.
- After a short-term over discharge subsequent charging will not immediately damage the Battery pack. However long-term excessive discharge may impact its performance and cause its capacity to reduce.

Storage and maintenance

- Store the Battery Pack in a cool, dry, well aerated place.
- Store the Battery Pack in a charged condition.
- **Remove the Battery pack from NV device during storage/transportation.**
- **To prevent short circuit, do not carry the battery Pack outside its pouch in a pocket, especially together with metal objects.**

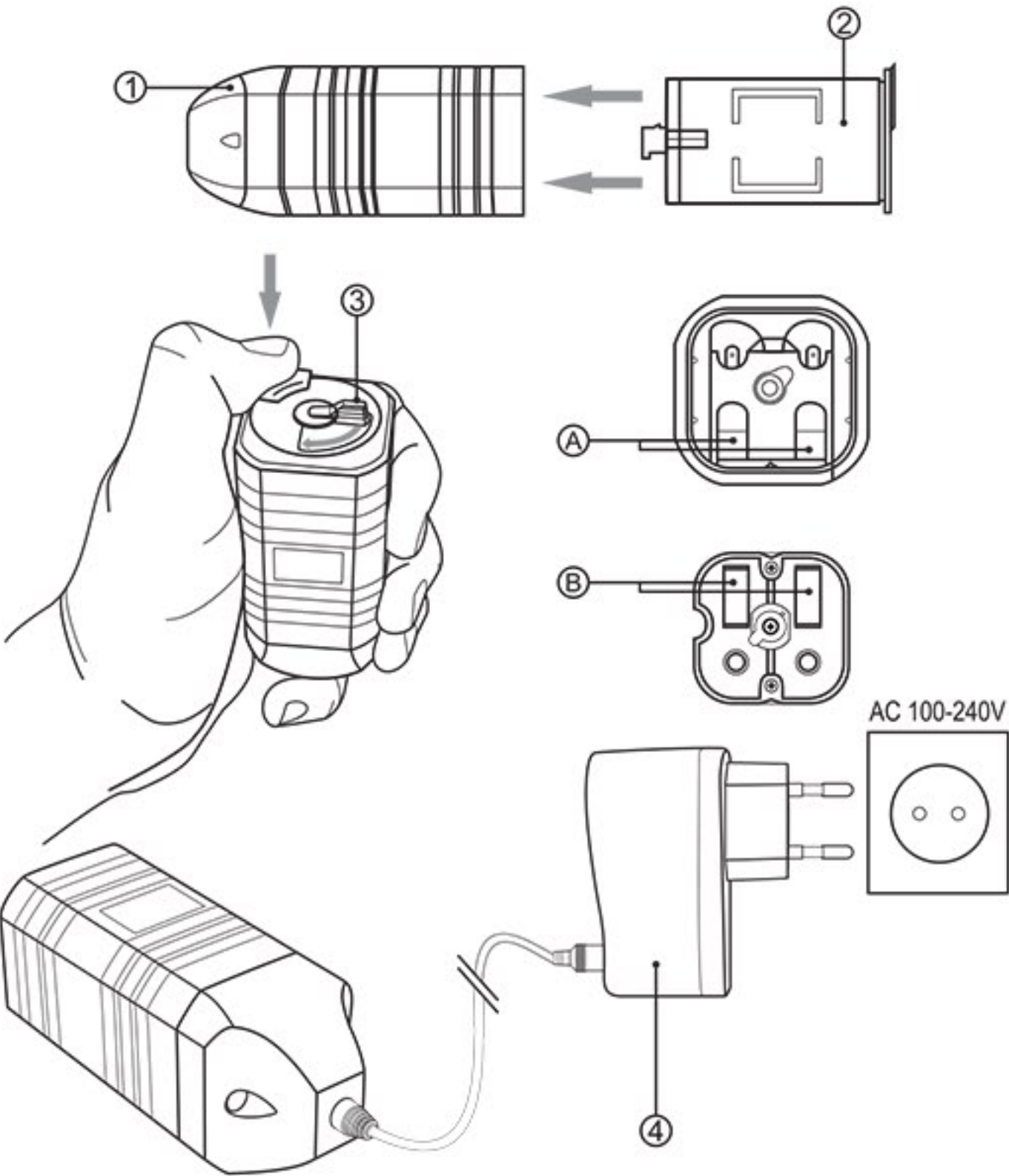
Disposal

Regulations vary for different countries. Dispose of in accordance with local regulations.

USE

Charging the Battery Pack

- Remove the Battery Pack (2) from its bag and install into container (1) observing polarity.
- Battery Pack's contacts (A) must match the container's contacts (B) (see Pic.).
- Make sure that the lever is the «OPEN» position.
- Press the Battery Pack cover and turn the Battery Pack lever (3) 90 degrees clockwise.
- Plug the mains charger (4) into a socket 100-240V.
- Indicator on the charger will glow red.
- After full charge the indicator will change its color to green.
- Remove the charger from the socket.



Installing the Battery Pack into an optical device

- Turn the lever (3) of the battery compartment 90 degrees in the “Open” position and, pulling by the lug of the cover, remove the battery from the charging container.
- Install the Battery Pack into the battery container of an optical device.
- Turn the lever 90 degrees clockwise.

TROUBLESHOOTING

problem	possible cause(s)	corrective action
When the charger is plugged into the AC mains, the LED light does not glow.	The AC mains socket is out of operation.	Plug the charger to an operable AC mains socket.
Battery will not operate.	Battery's charge is below the critical level of operating voltage (deep discharge).	Charge the battery for a at least 6 hours.

WARRANTY

The Manufacturer warrants its products against defects in materials and workmanship for a period of one year from the moment of purchase or from the manufacturing date if there is no receipt to prove purchase.

To avoid any problems, please become familiar with the device's user manual. The warranty does not cover any external damage to the device. The manufacturer has the right to render the warranty null and void in the following cases:

- if the device has been modified or tampered with,
- if the device has been dropped or has marks of mechanical or chemical damage,
- if the device has been tampered with by unauthorized repair,
- if the device has been damaged as a result of fire or natural disasters,
- if the device has been damaged as a result of liquids or other substances getting inside.

In the event of activating the warranty repair service, please contact the distributor where the device was purchased.

Any product returned under this warranty should be packaged in a sturdy, outside shipping carton, to prevent damage in transit. In addition, it must be accompanied with the following items:

- Letter explaining the unit's problem.
- Copy of the original receipt showing when and where the product was purchased.
- Return Shipping Information, including return address and contact person.

Please contact our service centre with any questions you might have at e-mail: euservice@pulsar-nv.com