



Generic IFU SLA		Generic Instructions for Use Sealed Lead Acid	
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BATTERIES IN FIRE OR WATER

Disposing of a battery in fire can cause the battery to rupture. Also avoid placing batteries in water, as this may cause the battery to fail.

CHARGING

Only charge with an unmodified charger and/or the parent device. Charging with modified devices can cause breakdown of the battery or swelling and rupturing. Never attempt to charge a battery which has been physically damaged.

Battery packs should be cycled periodically to maintain charge capacity. Recommended cycling includes fully discharging and charging a battery three (3) times in succession every 6 months. The device should always be connected to an external power source when not in use to properly maintain battery. It is recommended the device remains connected until a full charge is reached prior to disconnecting for use.

DISASSEMBLY

Never disassemble a battery, as the materials inside may be toxic and may damage skin and clothes.

INSERTING BATTERIES – POLARITIES REVERSED

Never insert a battery with the positive and negative poles reversed as this can cause permanent damage to the battery which may swell or rupture.

INSTALLATION IN AIRTIGHT COMPARTMENT

Always avoid designing airtight battery compartments. In some cases, gases (oxygen, hydrogen) may be given off, and there is a danger of the batteries bursting or rupturing in the presence of a source of ignition.

OVERCHARGING AND REVERSE CHARGING

Never reverse charge or overcharge batteries with high currents (i.e. higher than rated). Doing so causes rapid gas generation and increased gas pressure, thus causing batteries to swell or rupture. Do not leave the battery in a charger once it is fully charged.

SHORT-CIRCUITING BATTERY

Never attempt to short-circuit a battery. Doing so can damage the product and generate heat that can cause burns.

SOLDERING

Never solder anything directly to a battery. This can destroy the safety features of the battery by damaging the safety vent inside the cap.

STORAGE

Store the batteries in a cool, dry place. When in use, do not allow batteries to remain in environments which may cause overheating (e.g. direct sunlight in a locked car). Keep within ambient temperatures:
14°F – 86°F (-10°C – 30°C)

OPERATING TEMPERATURE RANGE

5°F – 122°F (-15°C – 50°C) CHARGE
-4°F – 140°F (-20°C – 60°C) DISCHARGE

USE OF BATTERIES FOR MULTI PURPOSES

SLA batteries can be used for multiple purposes. Before using, see owner’s manual of the parent device for proper battery specifications.

USING OLD AND NEW BATTERIES TOGETHER

Avoid using old and new batteries together. Also avoid mixing batteries using differing cell chemistries such as ordinary dry-cell batteries, Ni-Cd, NiMH batteries or with another manufacturer's batteries. Differences in various characteristic values can cause damage to the batteries or the device.



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