INSTRUCTIONS FOR JAPCELL REPLACEMENT BATTERIES

JAPCELL®

CAUTIONS:

Charge battery correct the first time

a. Firstly, place battery into the battery tank of the Roomba or Scooba vacuum cleaner or in the extenal charger (hereafter called ”the machine”), be sure not to conncct to extenal AC power before doing this. Secondly, connect the matched charger to AC power.

Then insert the adaptor output terminal (DC plug) into the machine to charge the battery.

Attention: *Battery has to be put into battery tank of the machine before connecting charging circuit to the machine or home base, or else it might not charge correctly.*

b. The battery should be charged at a temperature between 0˚C and 40˚C. It will not get the best charging performance if charged beyond such temperature range.

Use battery correctly

a. Before the first use, the battery should be charged fully. The battery will reach the maximum capacity after 3-5 cycles of charge and discharge.

b. Please use the battery in the specified temperature range (0˚C – 40˚C).

Battery storage

Battery should be stored at room temperature (0˚C– 20˚C). If the Roomba or Scooba cleaner will not be used and need to store for a long time, please charge the battery fully, and take it out from battery tank and put it in a cool, dry and clean place. The battery should be charged periodically, suggest to charge the battery every 3 months.

Avoid short-circuit of battery

Short-circuit will produce a too high current, thus the battery will be heated, make electrolyte leakage, toxic gases or explosion. It is easy to cause short-circuit. If electrodes are connected to the surface of conductive material, short-circuit may lead to battery heating and damage.

Do not disassemble battery

a. Disassembling battery may lead to inner short-circuit, fire, explosion or release oftoxic gases.

b. Disassembling battery may lead to electrolyte leakage. In case leaked electrolyte liquid gets into eyes, wash with water and consult doctor immediately.

c. Disassembling battery may damage components, battery will lose protective function and then cause danger.

Do not use damaged battery

The battery might be damaged in transportation. Do not use the battery if batteries are found abnormal, such as package damage, battery deformation, electrolyte leakage or chemical smell. If the battery leaks or smells, please put the battery far from fire to avoid fire and explosion.

Do not immerse the battery, do not use the battery at high humidity situation.

Do not immerse the battery into liquid, such as water, seawater, non-alcoholic beverages, fruit juice, coffee or other beverages since this might cause short-circuit and other problems.

BATTERY DISFUNCTIONS AND SOLUTIONS

The battery is being charged, but the charging indicator (LED) doesn’t light.

a. Please remove the battery from the charger, and check whether the matched chargers (adaptor and extemal chargers) indicators show green light. If yes, the charger is fine.

b. Check whether the battery is loose and not get close contact with the machine.

b. Pull out the battery and wipe the battery contact terminals with a dry piece of cloth.

When charging, the charger indicator light turns green in a short time

Use the battery 4-5 times, the problem might be solved.

When charging battery, the charger indicator (LED) light is red and does not turn green (not indicate full charged)

a. Please refer to the correct connect methods of battery , incorrect charging method may lead to this issue.

b. If charger indicator (LED) light keeps red for a long time (more than 5 hours), please cut off DC plug firstly, then reconnect. Then the battery will be charged again and charger indicator (LED) light will turn green within 4 hours.

c. This problem will be solved after 4-5 times of correct use.

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For further information please contact:

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