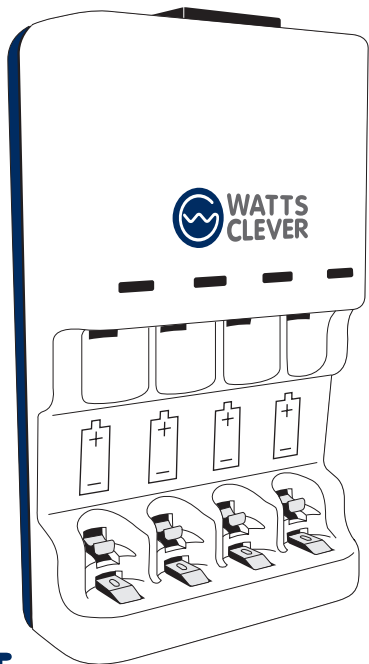




Making it easy to save energy
MONITOR CONTROL SAVE



SMART Battery Charger

Recharge and Reuse **NORMAL** Batteries

Instruction Manual

SBC1001

Notes on Safety



Caution

- Please read through and follow the instructions for use carefully
- The Smart Battery Charger is designed to charge Alkaline, and rechargeable NiMH and NiCd batteries.
- DO NOT charge used Carbon-Zinc batteries or old batteries that have not been in use for a long time. This could result in overheating of the batteries or leaking of chemical substances and in turn damage to the charger.
- It is recommended to use the charger with quality Alkaline batteries which are newly produced and discharged. DO NOT charge the non branded cheaper batteries of lower quality.
- DO NOT charge deformed, damaged, rusty or leaking batteries with the charger.
- Its recommended to take out the batteries and pull the plug from the socket when the charger is not in use.
- The charger is for indoor use only. Please keep it away from extreme temperatures and direct exposure to sunlight, water or other liquids.
- DO NOT drop or mistreat the charge, or place heavy objects on the charger.
- DO NOT disassemble.
- This appliance is not intended for use by young children. IT IS NOT A TOY. Children should be supervised by an adult to ensure that they do not play with the appliance.

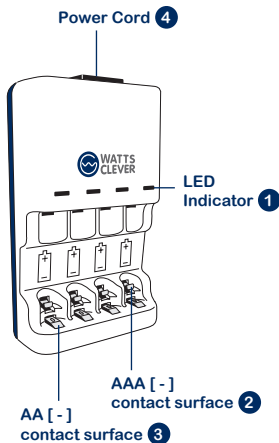
A 1 YEAR WARRANTY IS SUPPLIED WITH THIS PRODUCT SUBJECT TO ADHERING TO THE ABOVE SAFETY POINTS

Functions and Features

- Applicable to AA and AAA Alkaline / NiMH / NiCd batteries (2700mAh max rated capacity of each battery that can be charged).
- Individual charge circuit for each battery to be charged (Single Battery Charge is OK), and it is able to charge up to Four Batteries at the same time.
- Micro-processor chip controlled system to automatically detect charge process and temperature to prevent over charging.
- Safety charging timer with 4-hour automatic cut-off.
- Automatic cut-off system after charging completes.
- Automatic cut-off system when batteries fall off.
- Automatic cut-off system against overheat.
- Automatic sensing of the misplacement of batteries in wrong poles.

ALKALINE BATTERIES CAN BE RECHARGED UP TO 20 TIMES DEPENDING ON THE ORIGINAL BATTERY QUALITY

Initial Set Up and Use

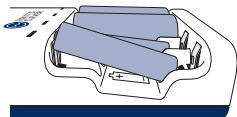


1. Plug the power cord into the power cord connector hole and then connect to your electrical socket.

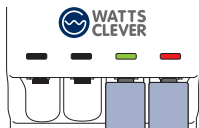


2. Put the batteries into the charging slots with the poles the correct way around.

(Match the [+] and [-] terminal of the battery with the charger's [+] and [-] contact surface.)



3. Charging completes: "Green" and "Red" light flashes for five times by turns and lights stays "Green".



LED Indicator lights

- When first connected to the power supply the LED lights will flash between red and green twice. The lights will then turn off, the unit is now in standby mode.
- Low voltage or aged batteries: The LED indicator lights will remain off. The batteries cannot be charged.
- New batteries and fully charged batteries: LED indicator will flash in green light for five times and then show green light. When the batteries are removed the LED lights will turn off.
- Batteries are charging. The LED lights will be red.
- Batteries are charged. The LED lights will be green. When the batteries are removed the LED lights will turn off.
- Overheating warning: The LED lights will flash between red and green five times and then turn off. Charging will recommence once the batteries are back to a safe temperature.
- Battery falls out: The green light will flash once then turn off.

Tips for use

- Use good quality leading brand batteries when charging alkaline batteries this will result in many more recharges been possible with the batteries.
- It is better to recharge your batteries once they are running low rather than wait for them to be completely dead.
- Once a battery falls below a certain voltage it will not recharge again. Dead batteries that are left after use for long periods cannot be recharged.
- It is recommended to charge used NiMH & NiCd batteries twice consecutively (or around 8 hours) before use for a better effect.
- DO NOT charge any deformed, damaged, rusted or leaked batteries with the charger.
- Make sure the charger is in the standby mode (lights off) before charging any used batteries to prevent insufficient charging time.
- If at first a battery will not charge, take it out of the charger and clean the contacts on the battery and try again.
- The unit will recharge alkaline batteries between 10- 20 times depending on the age and quality of the battery. The amount of recharge power that can be put into the battery will gradually diminish.
- NiMH and NiCd rechargeable batteries will operate in there normal way for recharging.

For details of other energy saving and innovative products from Watts Clever please visit our website at www.wattsclever.com

Product Specifications

Model • SBC1001

Dimensions • 118 (L) x 71 (W) x 30 (H) mm

Input Voltage • 100V-240V AC 50/60 Hz 6W

Fuse Rating • T1A / 250V AC

Output Voltage • DC1.7V (x 4)

Maximum Output Current • 350mA (x 4)

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For more detailed instructions, FAQ'S, and product support please visit our websites.