

# Digital Battery Machine

H032 v01: 06.07/20

Please read and retain these instructions for future reference

# BERGSTRÖM



## Dimensions

7cm high, 17.5cm wide & 17cm deep

## Composition

ABS

- THIS CLEVER BATTERY CHARGER HELPS TO REVIVE ORDINARY ALKALINE BATTERIES AS WELL AS RECHARGEABLE ONES
- CAN EXTEND BATTERY LIFE UP TO 10 TIMES
- CAN BE USED ON ALL THE MOST COMMON BATTERY TYPES
- DETECTING WHAT TYPE OF BATTERY IS INSERTED AND AUTOMATICALLY SWITCHING OFF AS SOON AS IT IS CHARGED
- LED EASY READ DISPLAY SCREEN
- WHATS MORE YOU ARE DOING YOUR BIT FOR THE PLANET AS BILLIONS OF BATTERIES ARE DISPOSED OF EACH YEAR WHEN THEY COULD HAVE BEEN USED MANY TIMES MORE
- USE ON AAA, AA, C, ALONG WITH RECHARGEABLE ALKALINE, ZINC CARBON, HIGH POWER, AND NI-MH
- USB PORT FOR CHARGING OTHER DEVICES
- MAINS POWERED

## ASSEMBLY INSTRUCTIONS / INSTRUCTIONS FOR USE:

Unpack the components carefully. Please check all parts have been removed from the packaging.

### Safety Precautions

To reduce the risk of fire, electric shock or injury when using any electric appliance, precautions should be made, including but not limited to:

- Use this unit ONLY as directed.
- Always unplug prior to cleaning or performing any type of service.
- To clean the exterior of the unit, use a damp cloth with a mild solution or dishwasher safe detergent with water. Dry completely.
- If device appears to be damaged, DO NOT USE.
- DO NOT operate unit where there are flammable or combustible products or where other flammable vapours are present.
- Do not attempt to open the unit. NEVER handle the unit with wet hands.
- DO NOT insert any objects in the unit other than those specified in the instructions. Keep unit free of hair, dirt, etc.

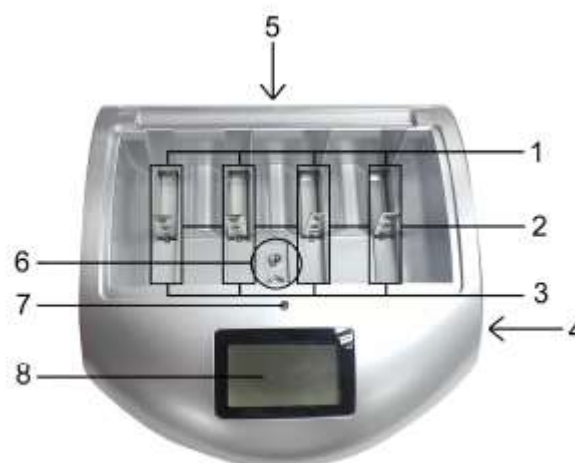
\*Calls cost 7 pence per minute plus your telephone company's network access charge

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- CAUTION – To reduce the risk of electric shock, use indoors only. See Instructions.
- CAUTION – High voltage, keep out of reach of children.

## Parts

1. – Pole
2. Battery charger bay
3. + Pole
4. USB Outlet
5. DC Socket
6. 9-V Chargers
7. Power light
8. LCD Display



## Using the charger

**NOTE:** Different battery chemistry can be charged in the battery charger bay at a time. Mobile phones and other electronics can be charged through the USB adaptor while any type of battery is charging in the battery charger bay.

**STEP 1:** Plug the included AC adaptor into power outlet.

**STEP 2:** Insert the AC adaptor plug into the unit's DC socket.

**STEP 3:** Insert the batteries into the charger, aligning each with the correct polarity. Can charge different chemistry type batteries at a time. The Digital Battery Machine will automatically detect whether the batteries are Ni-MH, alkaline, or lithium.

**STEP 4:** After inserting a battery, the LCD screen will display which dock the battery has been inserted into (1-5) as well as its charge status. Please allow a few seconds for unit to process and display to appear. While the battery is charging, a flashing battery will be displayed on the LCD screen with the heading "CHG." Once the battery is regenerated, a solid battery will be displayed with the heading "OK." Remove the regenerated battery.

**NOTE:** When a battery is bad and cannot be charged (indicated by a "BAD" LCD display heading), properly dispose of the battery and do not attempt to charge it again.

**STEP 5: OPTIONAL-**Using a USB adaptor (not included), connect your mobile phone or other electronic device to the USB port on the Digital Battery Machine for convenient charging. There is no charge indicator on the Digital Battery Machine for the USB port.

**Automatic shut-off:** This unit will automatically shut off after 24 hours of being turned on. To resume usage, just unplug the charger and then plug it again.

## Charging times

Charging times will vary according to the brand and capacity of each battery. The table below can be used for charging time reference of common sizes/chemistries. For best results, check the LCD screen display for charge status of batteries.

Battery Type	Battery size	Battery Capacity	Charge Time
Ni-MH	AAA	800mAh	1.8H
	AA	2300mAh	5.1H
	C	3300mAh	7.3H
	D	5000mAh	11.1H
Alkaline	AAA	1.5V	<1.4V 3.2H
	AA	1.5V	<1.4V 6.1H
	C	1.5V	<1.4V 7.2H
	D	1.5V	<1.4V 12H
	9-V Block	200mAh	7H
Lithium	10440	3.7V/400mah	1.5H
	14500	3.7V/1200mah	2.3H
	18490	3.7V/1400mah	4H
	18650	3.7V/2200mah	8H

The Digital Battery Machine can only charge Ni-MH (Nickel Metal Hydride), alkaline, and lithium batteries in the Battery charger bay. USB compatible devices can be charged via the USB port. Do not use extension cable for connection of the device.

- **Store at room temperature. Extreme temperatures can damage the unit.**
- **Clean dust from unit before using to ensure a good connection. Pay attention to the correct polarity when inserting batteries.**
- **Do not attempt to charge damaged, expired, leaking, corroded, or rusted batteries. Always inspect batteries before insertion.**
- **300 mAh batteries can never be charged over 0.5 hours.**
- **Do not submerge in liquids.**

The USB port on the Digital Battery Machine is compatible with most smart phones, tablets, and personal electronics. Consult your device's user manual for more information regarding compatibility. Please do not charge more than 2 lithium batteries when using USB port charging.

## CARE AND CLEANING INSTRUCTIONS:

- To clean the exterior of the unit, use a damp cloth with a mild solution or dishwasher safe detergent with water. Dry completely.

## BATTERIES

- Keep batteries away from children and pets.
- Do not mix used and new batteries.
- Install batteries in accordance with its polarity symbols.
- Remove the batteries if left for long periods.
- Never dispose of batteries in a fire.
- Battery disposal, spent or expired batteries must be properly disposed of and recycled in compliance

with local regulations. For detailed information, contact your local authority.

- Follow the battery manufacturer's safety, usage, and disposal instructions.

### PLUG WIRING (UK & IRELAND)

This appliance is supplied with a mains adaptor/charger with BS1363 plug pins.


**DO NOT** use if the socket outlets in your home or office are not suitable for this product's mains adaptor/charger plug pins. Attempts to insert the mains adaptor/charger into the wrong socket is likely to cause electric hazard or damage.

**DO NOT** use with any other mains transformer/charger than the one that is supplied with this product.

### DISPOSAL

- Coopers of Stortford use recyclable or recycled packaging where possible.
- Please dispose of all packaging, paper, cartons, packaging in accordance with your local recycling regulations.
- Plastics, polybags – this is made from the following recyclable plastic.



Code & Symbol	
Type of Plastic	ABS
Commonly used for	CD's, crisp packets, various flexible packaging, baby bottles, sunglass lenses
Notes	Not often or widely recycled

- At the end of the product's lifespan please check with your local council authorised household waste recycling centre for disposal.

