POWEROLOGY



Powerology

LIBRA Smart Body Fat Scale

SKU: PWBF1806NB

Table of Contents

Product Introduction	2
Structural Diagram	2
Safety Information	3
Setup & Usage	6
On-Screen Metrics	7
Specifications	9
Features	10
Maintenance Tips	10
Frequently Asked Questions	11
Troubleshooting	12
Disposal	14
Warranty	14
Contact Us	15

Product Introduction

The Powerology LIBRA Smart Body Fat Scale is a Bluetooth-connected body composition monitor that measures your weight and analyses key wellness metrics using Bioelectrical Impedance Analysis (BIA). A full-colour TFT screen on the ITO tempered-glass platform shows your reading instantly, while the companion mobile app records long-term trends across body weight, body fat, body water, muscle mass, bone mass, BMI, visceral fat, calories and body age. With multi-user memory, multiple weighing units and a 180 kg capacity, LIBRA delivers precision metrics for complete health clarity.



Structural Diagram

The LIBRA scale is a slim square platform made of ITO tempered glass with four hidden electrode zones for BIA body composition analysis. A full-colour TFT window on the front displays your current reading and connects wirelessly to the Dr Weight mobile app.



Safety Information

Warning:

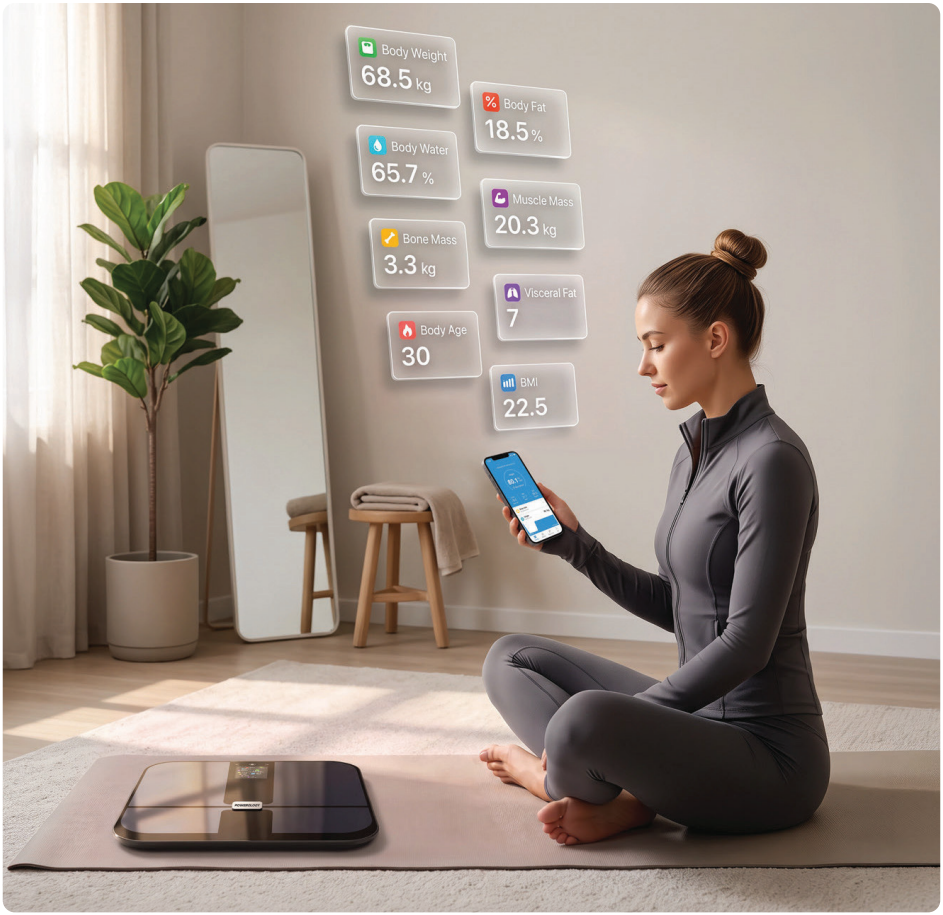
1. Do not use this scale if you have a pacemaker or any other implanted medical device, as the bioelectrical impedance signal may interfere with its operation.
2. Pregnant women should not use the body composition (BIA) function; use the weight-only mode or consult a qualified healthcare professional.

3. Children under 6 should not use this scale, and older children should use it only under adult supervision; BIA readings for young users are indicative only.
4. Do not exceed the maximum weighing capacity, as overloading may shatter the glass platform and cause injury.
5. Do not step onto the scale with wet feet or when the glass surface is wet; the surface becomes slippery and may cause a fall.
6. Do not drop the scale or subject it to strong impact or vibration, as tempered glass can shatter if damaged.
7. Do not immerse the scale in water or allow liquids to enter the housing.
8. Keep the scale away from open flames and other heat sources.
9. Do not disassemble the scale other than to access the battery compartment.
10. Do not attempt to recharge non-rechargeable batteries, dispose of them in fire, or short-circuit their terminals; insert batteries with correct polarity and do not mix old and new batteries or different battery types.
11. Keep batteries out of reach of young children; if a battery is swallowed, seek medical advice immediately.
12. Readings from this scale should not be used as the sole basis for medical or dietary decisions; this device is intended for household use only and is not a medical instrument.

Attention:

1. Place the scale on a firm, flat and even hard surface; avoid carpet or soft floor coverings, which will affect accuracy.
2. Clean the platform with a lightly damp cloth; do not use solvents or abrasives, and do not immerse the product in water.
3. Keep the scale in a dry place, away from extremes of temperature and humidity, to protect the electronic components and TFT display.
4. Remove the batteries if the scale will not be used for a prolonged period to prevent leakage.
5. Do not store the scale in an upright position when not in use, as this can drain the batteries.

6. Repeat the initialisation step whenever the scale is moved to a new location, and weigh yourself at the same time of day, on the same surface and without clothing or footwear for consistent results.
7. Users with metal implants or prostheses may see variations in body composition readings due to the impedance measurement method.
8. If a fault occurs that cannot be resolved by the troubleshooting steps, contact customer service; a damaged part must be replaced by its service agent or a similarly qualified person to avoid a hazard.
9. Retain this manual for future reference.



Setup & Usage

1. Installing the Batteries

Turn the scale upside down on a soft, flat surface to avoid scratching the glass.

Open the battery compartment on the underside.

Insert 3 × AAA batteries (not included), observing the correct + / – polarity.

Close the cover; the TFT display will briefly illuminate to confirm power.

2. Downloading the App & Pairing

Download the Dr.Weight app from the App Store or Google Play.

Create an account and complete your profile (gender, height, age, target weight).

Enable Bluetooth on your mobile device and open the app.

Step on the scale briefly to wake it, then follow the in-app prompts to pair.

Once paired, the scale will sync automatically each time it is in range.

3. Taking a Measurement

Place the scale on a hard, flat and level surface — never on carpet or an uneven floor.

Remove shoes and socks so that both bare feet contact the electrode zones.

Step onto the platform with weight evenly distributed on both feet.

Stand still while the scale reads your weight and cycles through body composition metrics.

Step off once the reading is complete; data will sync to the app automatically.

4. Adding Multiple Users

In the Dr.Weight app, add a new family member under your account.

Have each user weigh in at least once so the scale learns their profile.

The scale then uses automatic user recognition to assign future readings correctly.

Guests can weigh in without saving to any profile.

5. Changing the Weighing Unit

Open the Dr.Weight app and go to Settings.

Select the weighing unit (kg, lb or st) that you prefer.

Step on the scale to sync the new unit setting.

On-Screen Metrics

The TFT screen cycles through each health metric individually and finishes with a full summary view. Every metric shows the current value, its unit, a change indicator versus your previous reading and a health-range colour bar.


68.5

Specifications

Max Weighing Capacity	180kg
Graduation	100g
Weight Units	kg / lb / st
Sensors	4 High-Precision Strain Gauge Sensors
Body Composition Technology	BIA (Bioelectrical Impedance Analysis)
Platform Material	ITO Tempered Glass
Glass Thickness	5mm Tempered Glass
Body Fat Age Range	6 – 100 Years
Height Range	80 – 220cm
Height Units	cm / ft - in
Power Source	3 x AAA Batteries (Not Included)
Display	Full-Color TFT Screen
Mobile App	On-Scale Body Analysis
Supported OS	iOS, Android
Wireless Connectivity	Bluetooth
BIA (Bioelectrical Impedance Analysis)	9 Values
On-Scale Body Analysis	18 Values
Mobile App Body Analysis	10 Users + 1 Guest
User Memory	10 Users + 1 Guest
Product Size	300 x 300 x 24mm

Product Weight	1.75kg
Product Material	ABS + Tempered Glass
Model Number	PWBF1806

Features

1. BIA Body Composition Analysis — tracks weight, body fat, body water, muscle mass, bone mass, BMI, visceral fat, body age and calories.
2. Full-Colour TFT Display — clear on-scale readouts with trend indicators and status icons.
3. Bluetooth App Connectivity — syncs automatically with the Dr Weight app on iOS and Android.
4. ITO Tempered Glass Platform — durable 5 mm tempered-glass surface with integrated conductive electrodes.
5. Multi-User Memory — stores profiles for up to 10 users plus 1 guest with automatic user recognition.
6. Multiple Weighing Units — switch between kg, lb and st to suit your preference.
7. 180 kg Maximum Capacity with 100 g graduation for precise readings.
8. 4 High-Precision Strain Gauge Sensors deliver accurate, repeatable measurements.
9. Step-On Technology — simply step on to activate; no tapping or waking required.

Maintenance Tips

1. Keep the Platform Clean

Wipe the glass surface with a soft, slightly damp cloth after use.

Do not use abrasive cleaners, solvents or scouring pads on the glass or electrodes.

2. Protect the Electrodes

Ensure the conductive zones are dry and free of dust so readings stay accurate.

Never submerge the scale in water or rinse it under a tap.

3. Store Correctly

Keep the scale flat on a hard surface — do not lean it upright against a wall for long periods.

Store in a dry indoor location away from direct sunlight and humidity.

4. Battery Care

Remove the batteries if the scale will not be used for an extended period.

Replace all three batteries at the same time with the same brand and type.

Dispose of used batteries according to local regulations.

5. Handle with Care

Do not jump onto the scale or drop heavy objects on the glass.

Do not exceed the 180 kg maximum weight capacity.

Frequently Asked Questions

1. Which app do I need to use with this scale?

Download the free Dr.Weight app from the App Store (iOS) or Google Play (Android) and pair your scale over Bluetooth.

2. How many people can use the same scale?

The scale supports up to 10 saved users plus 1 guest, with automatic user recognition after the first few weigh-ins.

3. Why does my body-fat reading vary between measurements?

BIA readings are influenced by hydration, food intake and time of day. For consistent trends, weigh in at the same time each day — ideally in the morning, before eating or drinking.

4. Can I use the scale on carpet?

No. Always place the scale on a hard, level surface. Soft or uneven flooring will affect accuracy and stability.

5. Who should not use a BIA body-fat scale?

People with pacemakers or other implanted medical devices, and pregnant women, should not use BIA-based measurement. Consult a healthcare professional if unsure.

6. Do the batteries come included?

No. The scale requires 3 × AAA batteries, which are sold separately.

Troubleshooting

1. The scale will not turn on when I step on it

Cause: Batteries are missing, drained or installed incorrectly. Solution: Open the battery compartment, check the polarity and replace with 3 fresh AAA batteries.

2. The display shows an unstable or fluctuating weight

Cause: The scale is on carpet, tile grout or an uneven surface. Solution: Move it to a hard, flat, level floor and stand still until the reading locks.

3. The reading looks noticeably different from another scale

Cause: Different scales use different sensors and calibration. Solution: Use only this scale for tracking trends, weighing at the same time of day under similar conditions.

4. Body composition values (fat, water, muscle) are missing

Cause: Feet are not making full contact with the electrode zones, or they are wearing socks. Solution: Step on with clean, bare, slightly moist feet covering all four electrode areas.

5. The scale will not pair with the Dr Weight app

Cause: Bluetooth is off, the app lacks permissions, or the scale is asleep. Solution: Enable Bluetooth and location permissions, open the app, then step briefly on the scale to wake it and try pairing again.

6. Readings are not syncing to my phone

Cause: The phone is out of Bluetooth range or the app is closed. Solution: Keep the phone within a few meters, open the Dr.Weight app and step on the scale — recent readings will sync automatically.

7. The display shows an error or 'ERR' code

Cause: Overload (over 180 kg) or a sensor error. Solution: Step off, ensure the load is within capacity, restart by removing and reinserting the batteries.

8. The wrong user profile is being selected

Cause: Two users have very similar weights, so automatic recognition is uncertain. Solution: Manually confirm the profile in the app after weighing so the scale learns the correct assignment.

9. 'Lo' or low-battery icon appears on screen

Cause: Batteries are nearly depleted. Solution: Replace all 3 AAA batteries at once with the same brand and type.

10. The TFT display looks dim or flickers

Cause: Low battery voltage. Solution: Install fresh batteries; the display will return to full brightness.

11. BMI or body-age values seem incorrect

Cause: Profile information (height, age, gender) in the app is missing or inaccurate. Solution: Open Dr.Weight, update your profile details and take a new measurement.

12. The scale keeps showing '0.0' and will not weigh

Cause: The scale was activated while already loaded, or a sensor is stuck. Solution: Remove everything from the platform, let it power off, then step on again with an unloaded start.

Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.

Warranty

Products that you buy directly from our Powerology website or shop come with a 24-month warranty.

The 24-month warranty applies to products purchased directly from our Powerology website or store. If Powerology products are bought from any of our verified retailers, then the product is eligible for only a 12-month warranty. To extend your product's warranty, visit our website www.powerology.me/warranty and fill in your details in the provided form along with an uploaded picture of the product to process your request. Once approved, you will receive a confirmation email of the extended product warranty. Upload the required information within 48 hours of purchase to be eligible for a 24-month warranty period.

For more info, please check: www.powerology.me/warranty

Contact Us

Email: **hey@powerology.me**

Website: **www.powerology.me**

Instagram: **powerology_official**

Facebook: **powerology.ME**