

DAYBOX

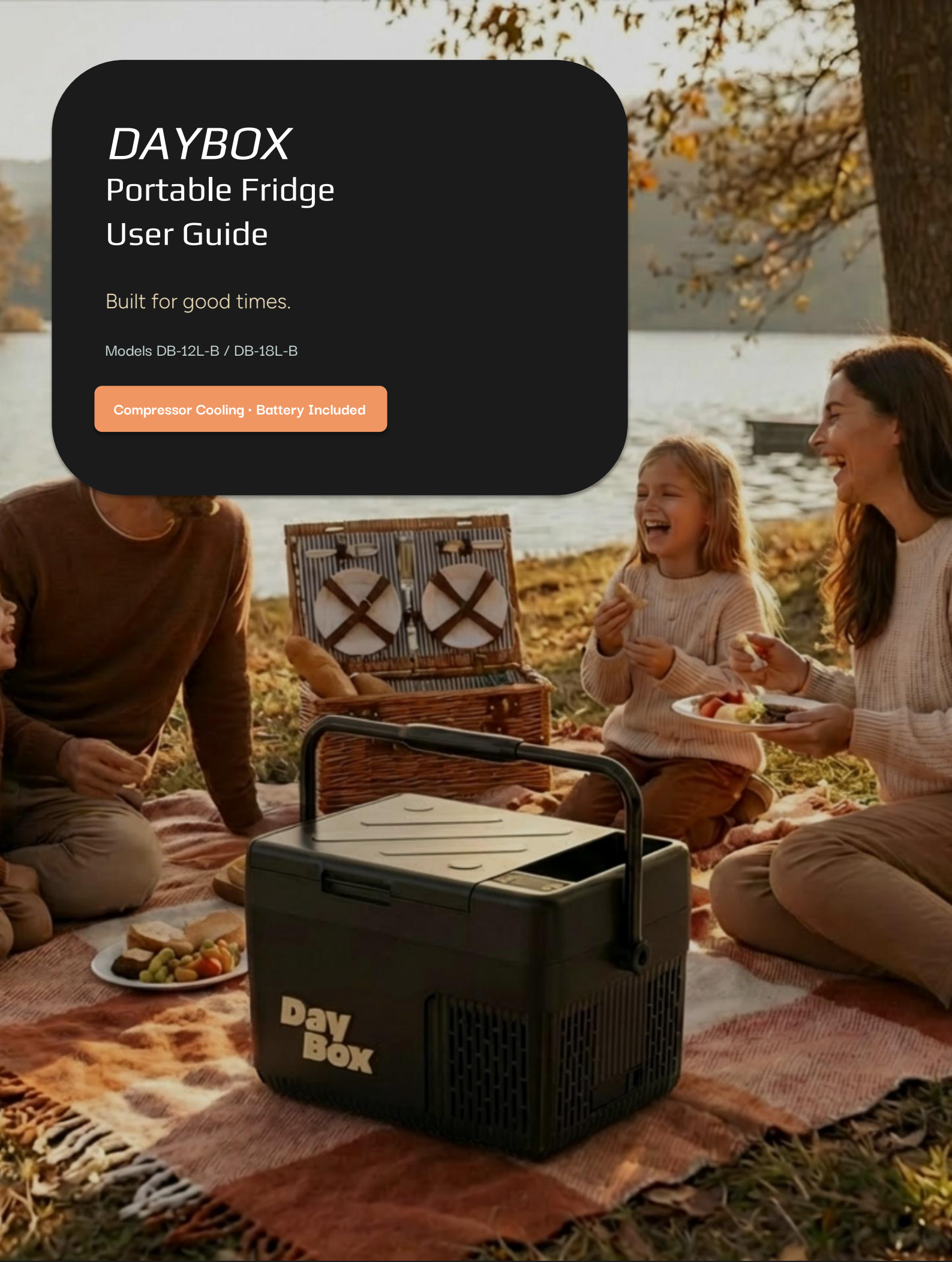
Portable Fridge

User Guide

Built for good times.

Models DB-12L-B / DB-18L-B

Compressor Cooling · Battery Included



Contents

A simple guide to help you get set up, stay cool and enjoy every outing.

Welcome to DayBox

DayBox is made for beach trips, long drives, backyard BBQs and all the spontaneous plans in between. This guide covers setup, controls, battery use, care, troubleshooting and the key technical details behind the product.

In this guide

- 1 Meet your DayBox
- 2 Controls & settings
- 3 Powering DayBox
- 4 Included battery pack
- 5 Quick start
- 6 Everyday use & care
- 7 Safety & troubleshooting
- 8 Technical specifications

What's in the box



DayBox fridge

Portable compressor fridge with carry handle, integrated controls and DC power input.

Included battery pack

Rechargeable 168.48Wh battery module included with every DayBox unit.

DC power cable

Connects the fridge to a 12V or 24V vehicle socket.

AC adapter

Use DayBox from standard 100–240V AC mains when an adapter is included in your pack. These are region specific.

PRODUCT TOUR

Meet your DayBox

The main features you will use most often.

- 1 Carry handle**
Lift and carry the fridge easily between the car, deck, beach or campsite.
- 2 Lid & latch**
Secure closing lid helps retain cold air and improve efficiency.
- 3 Control panel**
Turn the unit on, set the temperature and switch operating modes.
- 4 Storage compartment**
Compact insulated compartment for chilled food, drinks and snacks.
- 5 Battery bay**
Fits the included DayBox battery pack for cable-free use.
- 6 Ventilation grille**
Keep clear to allow the compressor to breathe and reject heat.
- 7 DC power inlet**
Connect the included 12V/24V vehicle lead here.

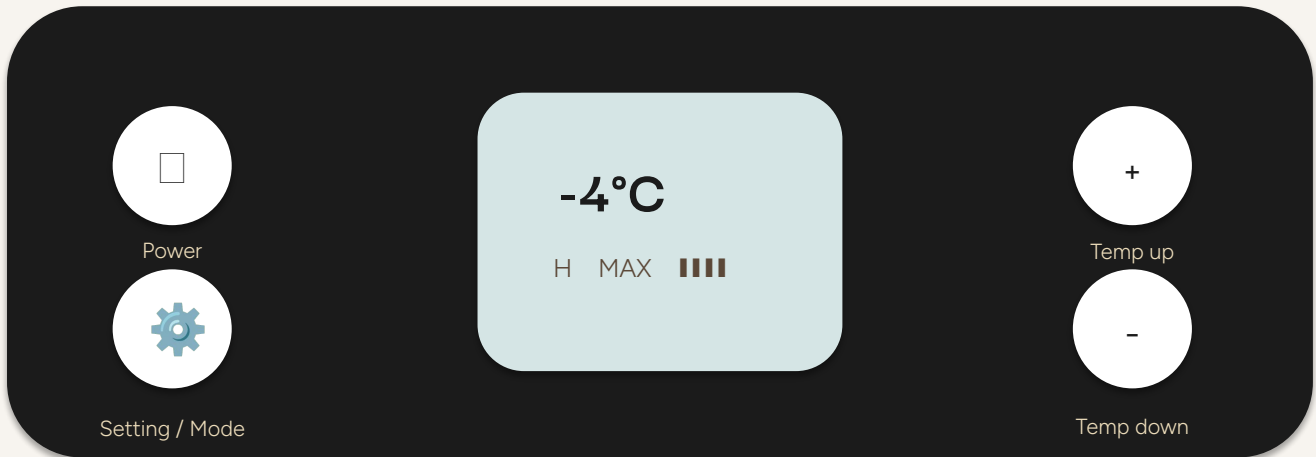


Accessories may vary slightly by sales region, but the battery pack ships with every unit.

CONTROLS

Simple controls, fast setup

Use the control panel to switch on, set temperature and manage battery protection.



Power

Press for 1 second to turn DayBox on. Hold for 3 seconds to switch it off. To turn on the battery, hold the power button on the battery for 3 seconds.

MAX / ECO

Press the setting button briefly to switch between MAX (fast cooling) and ECO (energy-saving cooling).

°C / °F

Press + and the setting button together for 3 seconds to switch units.

Temperature

Use + / - to set the storage temperature from -20°C to +20°C.

Battery protection

Hold the setting button for 3 seconds, then press again to cycle H → L → M.

Memory function

After power-off, DayBox restarts using the last saved settings.

The display shows the actual compartment temperature. A small variation from actual internal temperature is normal.

POWER OPTIONS

Power your DayBox your way

Use it in the car, at home with an adapter, or on the included battery pack.

DC

12V / 24V vehicle

Use the supplied DC cable to power DayBox from your vehicle while driving or parked.

AC

100-240V AC

Use a compatible AC adapter for mains power at home or in accommodation when supplied.

BAT

Included battery

Every unit ships with a rechargeable battery pack for portable cooling without cables.



Car battery protection

DayBox monitors supply voltage and cuts out before your vehicle battery is excessively discharged.

Supply	High (H)	Medium (M)	Low (L)
12V	11.3V OFF 12.5V ON	10.1V OFF 11.4V ON	8.5V OFF 9.6V ON
24V	24.6V OFF 26.0V ON	22.3V OFF 23.7V ON	21.3V OFF 22.7V ON

Recommended setting: leave protection on Medium unless you specifically need longer runtime.

INCLUDED BATTERY

Portable cooling, right out of the box

Every DayBox includes a rechargeable battery pack that powers the fridge and charges devices.

Battery specifications

Model	TY03-3S6P
Rated output voltage	10.8V
Rated capacity	15.6Ah
Stored energy	168.48Wh
Limited charging voltage	12.6V
USB-C input	Max 60W
USB-C output	Max 60W
USB-A output	Max 10W

Install

Open the battery slot cover, slide the battery into the bay and press until the indicator lights.

Check charge

Press the battery button to view remaining charge. Hold the button to turn the battery on/off

Remove

Squeeze the two battery holders and lift the battery out when you no longer need portable operation.

Charging & battery care

- Charge the battery via USB-C or while installed in DayBox when the fridge is connected to 12/24V DC or a compatible AC adapter.
- Use a specified charger and do not continue using the battery if it is swollen, damaged, unusually hot or wet.
- Do not disassemble, puncture, squeeze, throw into fire or short-circuit the battery pack.
- Do not charge the battery in ambient temperatures above 43°C.

QUICK START

Get chilled in four simple steps

A fast setup guide for first-time use.



1

Place & ventilate

Set DayBox on a flat surface with room around the side vents so the compressor can breathe.

2

Connect power

Plug in the DC lead, connect a compatible AC adapter, or install the included charged battery pack.

3

Switch on & set temperature

If using the battery, hold in the battery power button to turn it on. Press power, choose MAX or ECO, then adjust the set temperature using the + / - buttons.

4

Load up & enjoy

Add pre-chilled items where possible, keep the lid closed when not in use, and enjoy a colder day out.

Best performance tips

- Pre-cool fridge overnight. Add cold food and drinks (this adds a big difference).
- Use MAX for quick pull-down, then switch to ECO to save energy.
- Avoid frequent lid opening when you want the coldest performance.
- Keep the fridge out of direct sun and maintain airflow around the vents.

Set the right temp for the day

DayBox is happy keeping drinks cold, food fresh or frozen goods chilled on the move.



Drinks

2-4°C

Cold cans, water, juic, milk etc.

Fresh food

1-4°C

Deli items, dairy and ready-made lunches.

Fruit & snacks

4-8°C

Picnic fruit, snacks and light meal prep.

Frozen goods

-12 to -18°C

Frozen foods or ice-cream style storage.

Operating notes

- ECO mode is the energy-saving mode. MAX mode delivers faster, more powerful cooling.
- Condensation or light ice can appear around the lid gasket after long operation. This is normal; simply wipe dry with a towel.
- To reduce condensation during long-term use, avoid running the fridge below 0°C / 32°F for extended periods unless freezing is required.
- Defrost water can appear if the fridge is powered off or left in standby after long operation. Dry the inside before storage.

CARE

Keep DayBox clean and ready to go

A few simple habits will help protect performance and extend product life.

Cleaning

Before first use, and then regularly, wipe the inside and outside with a soft damp cloth. Use mild detergent only.

Avoid direct liquids

Do not directly pour water or corrosive liquids into the fridge. Clean the inner chamber using a cloth, not a hose or bucket.

After use

If the fridge will not be used for a while, disconnect power, remove the battery pack, dry the interior and store it clean.



Storage checklist

- Empty the compartment and wipe all moisture away.
- Keep the air vents clear of dust and debris.
- Store with the lid slightly open if practical to reduce odours.
- Switch off the fridge and battery before carrying or pulling it any distance.

SAFETY

Important safety information

Read these points before using DayBox for the first time.

Use the correct power source

Use the approved 12V/24V DC connection or a compatible AC adapter. Check the product rating before powering on.

Keep vents clear

Do not block the side ventilation openings. The compressor and controller need airflow to stay cool.

Protect from weather

Do not expose the fridge to rain or immerse it in water. Avoid direct, prolonged sun exposure where possible.

Do not modify the product

Do not privately modify or dismantle the fridge. Service work should only be handled by qualified personnel.

Battery caution

Use a specified charger only. Do not puncture, crush, short-circuit, burn or continue using a damaged, swollen or wet battery.

Flammable refrigerant

DayBox uses R600a refrigerant. It is flammable. If service is ever required, it must be handled by a qualified technician.

Extra caution

Do not continue to operate DayBox if you suspect a damaged cable, fan failure, severe battery swelling or a refrigerant leak. Switch the unit off and seek support.

If something is not working as expected

Start with the everyday checks below, then refer to the error code guide if the display shows E1–E5.

Common checks

1

Unit won't start

Check that the power source is connected correctly. In a vehicle, wait until after the car has started. If using the battery, ensure you hold in the battery power button to turn it on.

2

Poor cooling

Lower the temperature setting, allow space around the vents and avoid loading large amounts of warm product at once.

3

Cycling on and off

Supply voltage may be low. Try a different source or reduce the battery protection level if appropriate.

4

Condensation or water

This is normal after long operation or standby. Dry the area with a towel and review temperature settings.

Error code guide

E1

Low input voltage

Wait until the vehicle has started, or check the adapter. If needed, lower the battery protection setting.

E2

Fan fault

The cooling fan may be malfunctioning. Stop using the unit and arrange service.

E3

Compressor start / input voltage fault

Power off for 5 minutes and restart. If it continues, treat it as an E1 supply issue and check voltage or the adapter.

E4

Low compressor speed

Check input voltage and repower the unit.

E5

Controller overheat

Power off for 5 minutes and make sure the compressor area has adequate ventilation.

SPECIFICATIONS

Technical specifications

A quick reference for the DayBox fridge variants and cooling system.

Fridge models

Specification	DB-12L-B	DB-18L-B
Model	DB-12L-B	DB-18L-B
Rated capacity	12L	18L
Input voltage	12/24V DC or 100–240V AC via adapter	12/24V DC or 100–240V AC via adapter
Max current	6A max.	6A max.
Temperature range	-20°C to +20°C	-20°C to +20°C
Climate category	T / ST / N / SN	T / ST / N / SN
Protection level	Class III	Class III
Refrigerant	R600a (10g)	R600a (10g)
Foam agent	Cyclopentane	Cyclopentane

Compressor system

Compressor model: DC43Y
12/24V low back pressure (LBP) compressor
Label indicates flammable refrigerant compatibility
Service work should only be completed by qualified technicians



Battery, refrigerant & compliance notes

Additional technical details

Battery compliance

Battery model TY03-3S6P is a rechargeable lithium-ion battery pack.

Watt-hour rating: 168.48Wh.

Transport classification documents identify the battery as UN3480 — lithium ion batteries.

The supplied documentation indicates the battery has passed UN38.3 testing and associated transport assessments.

Use local regulations and appropriate packaging if shipping or disposing of the battery.

Quick battery safety recap

Do not use the battery if it is damp, swollen or physically damaged.

Keep away from fire and high heat.

Prevent short circuits during storage and transport.

Recycle batteries through approved collection points only.

Refrigerant & disposal

DayBox uses R600a refrigerant (10g) and cyclopentane foam insulation.

R600a is a flammable hydrocarbon refrigerant. Avoid open flames or sparks near damaged refrigeration components. If the cooling circuit is damaged, switch the product off and ventilate the area.

Repairs involving the sealed system must only be carried out by qualified refrigeration technicians.

End-of-life guidance

Do not place the fridge or battery pack in general household waste.

Dispose of electronic products and lithium batteries through approved recycling streams.

Follow local regulations for products containing refrigerant and blowing agents.

For everyday use, the main pages of this guide are all you need — this appendix simply captures the extra technical detail behind the product.



Enjoy.

DayBox Portable Fridge User Guide • Models DB-12L-B / DB-18L-B

Compressor cooling • Battery included • Built for better days outdoors

By Max Voltage Store Pty Ltd