



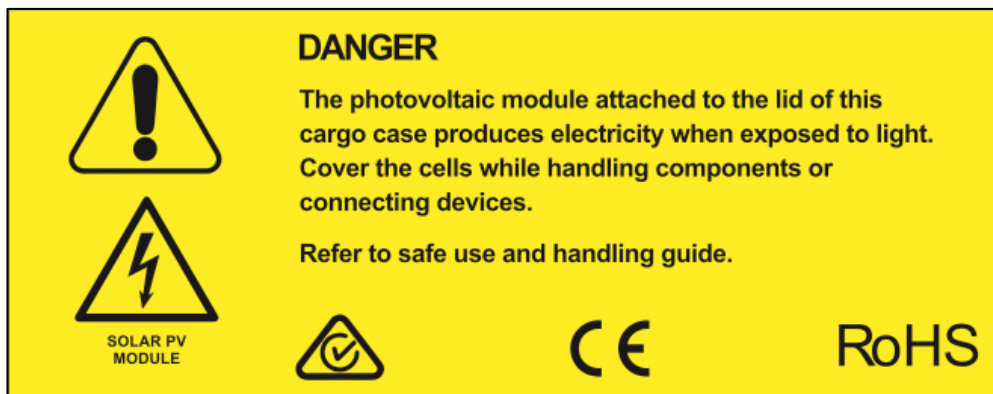
# 80L SOLAR STORAGE BOX



Congratulations on your new XTM Solar Storage Box. Ensure that you have read this document in full prior to use. Failure to do so may result in incorrect operation and therefore impact on the product's performance and any warranty claim.

This guide covers the safe use of the solar photovoltaic module (the solar panel) that is attached to the lid of this storage box/cargo case. **It does NOT cover the safe operation of any battery/device that you connect to this solar panel. Refer to the relevant battery/device instructions or contact the manufacturer of the battery/device.**

## SAFETY



- Cover the solar panel while handling components or connecting devices/batteries to ensure no electricity is being produced.
- The solar panel is not intended for use by children, and keep away from pets.
- Do NOT attempt to use the solar panels if the cables or plugs are damaged. These units do not contain serviceable parts. Ensure that any damage to the unit, cable or plugs are replaced by a qualified technician.
- Do NOT disassemble the solar panels. The warranty will be void if this instruction is ignored.
- Do NOT place the solar panels on fabric/leather/vinyl seats, directly on the battery or balanced in the engine bay of a vehicle.
- The solar panels may have sharp edges - please handle with care.
- Do NOT bend or scratch solar panels.
- Do NOT walk, sit or place heavy items onto the solar panels.

## GENERAL ADVICE FOR SAFE SOLAR CHARGING

This is general advice for safety precautions when charging batteries via the solar panel. Consult the battery manufacturer's instructions for specific safety requirements.

- The output of a single solar panel is suitable for 12V battery charging.
- Consider whether a solar controller/regulator is required for optimal charging.

- This cargo case forms an air- and water-tight seal when closed. Some batteries release explosive gases whilst charging, which could build up to dangerous levels inside the cargo case. Consult your battery manufacturer/instructions on the safe use of your battery.
- Only charge batteries that comply with the parameters of the solar panel.
- Always wear the appropriate personal protective equipment when working with/near batteries, as outlined by the battery manufacturer.
- Never smoke, use an open flame or create sparks near a battery or charger whilst charging as gases may cause an explosion.

#### CARING FOR YOUR SOLAR PANEL

- Build up of dirt and surface contaminants on the surface of the solar panel will affect performance.
- Use a clean microfiber cloth to clean solar panel surface.
- Do NOT use a high pressure hose to clean the solar panel.

#### SPECIFICATIONS FOR 80W (80L CARGO CASE) PANELS


- The specifications (below) of the solar panel is based on optimal laboratory conditions (testing conditions indicated below).
- Real world output may vary depending on the environmental conditions.
- The surface enclosure of the solar panel is dust-tight and watertight against light pressure water spray (IP65). The junction box, cable and Anderson plugs on the underside of the panel are not IP rated.



**Model: 80W/83L Cargo Case**

Rated Max Power(Pmax)	(W)	80
Power Tolerance Range	(%)	±3
Voltage at Pmax(Vmp)	(V)	20
Current at Pmax(Imp)	(A)	4
Open-circuit Voltage(Voc)	(V)	23.6
Short-circuit Current(Isc)	(A)	4.4
Max System Voltage	(V)	1000
Dimension	(mm)	400x1200x20

All technical data at STC: AM=1.5 E=1000W/m<sup>2</sup> Tc=25 °C

 **WARNING-ELECTRICAL SHOCK HAZARD**

This photovoltaic module produces electricity when exposed to light. Follow all applicable electrical safety precautions.

**MADE IN CHINA**




WARRANTY

Our product is guaranteed to be free from quality and manufacturing defects for a period of 12 months.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law.

You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage.

You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

If your product becomes defective during the warranty period, BCF will offer you either a replacement, credit or refund.

This warranty will not cover substantially modified product; misuse or abuse of the product contrary to user instructions or packaging label, change of mind and normal wear and tear.

To claim the warranty, take the product to reception at a BCF store. You will need to show receipt or other proof of purchase. Additional information may be required to process your claim. Should you not be able to provide proof of purchase with a receipt or bank statement, identification showing name, address, and signature may be required to process your claim.

Any expenses relating to the return of your product to the store will normally have to be paid by you.

The benefits provided to the consumer by the warranty are in addition to other rights and remedies available to the consumer under the law

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