

THUNDERBIRD

B-40/ B-70/ B-150 SOLAR ENERGISER.

12 VOLT SOLAR SYSTEM. Battery not supplied



Note : Please read THUNDERBIRD helpful hints instructions for fence and earth instructions.

Recommended battery size

B-40 > 30 amp (min)

B-70 > 50 AMP (min)

B-150 > 80 AMP (min)

Batteries - Deep cycle or car type batteries are suitable. Install battery in a well ventilated, but covered position off the ground. Do not position directly under energiser, gases can cause corrosion.

Connect solar panels + (positive) wire, and - (negative) wire to batteries terminals
Connect energiser's + (positive) wire, and - (negative) wire to batteries terminals.
Ensure correct polarity to battery.

Position mounting post(s) securely into the ground (concrete in if needed) in an area free of shading or possible mechanical damage, near the middle of the fence line.

Use galvanized pipe or steel star post.

Carefully mount solar panel and frame to post(s), tighten with U bolts securely.

Face panels to the equator (face north if in the southern hemisphere).

**CONNECT ENERGISER TO THE EARTH SYSTEM AND INSULATED FENCE.
(see thunderbird helpful hints for installation instructions).**

Solar panels are impact resistant, however contact with livestock and flying debris, should be avoided. Solar panels frame may need to be tied down to pegs in high wind areas.

Maintenance -

Clean solar panel with soapy water regularly.

Clean and retighten low voltage connections.

Check battery electrolyte.