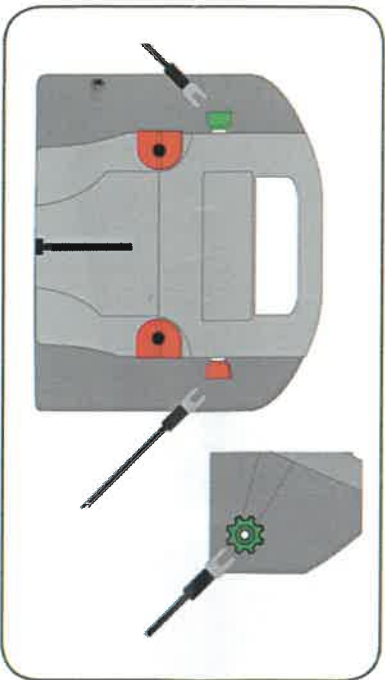


**CONNECTING IT ALL TOGETHER**

The solar energisers include internal 12v batteries and are ready to operate out of the packaging although we do recommend charging the energiser for 12 hours prior to use. Please see the section on charging the battery.

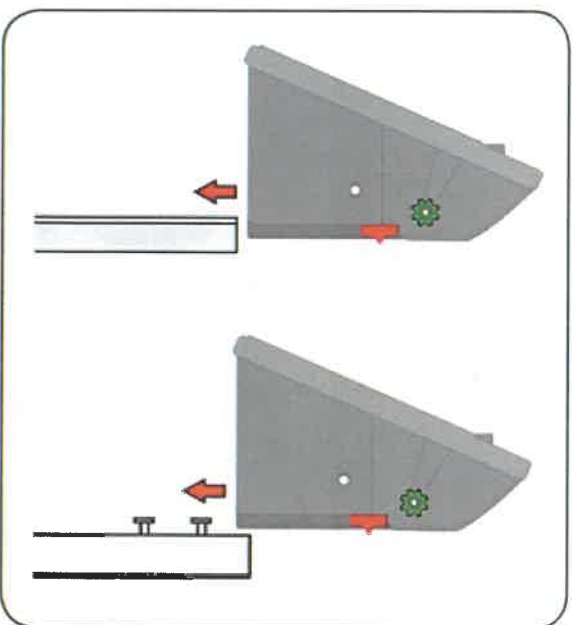


**LEAD CONNECTION**

Unscrew the terminals enough to slide in the ring terminals on the Avishock leads.

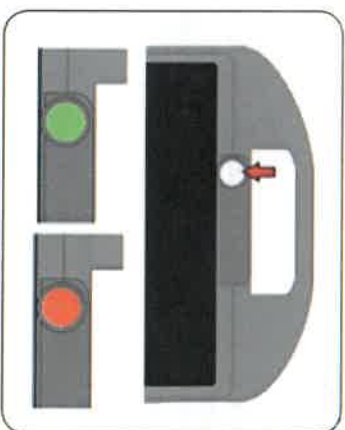
**AVISHOCK CONNECTION**

Connect lead wires to the Avishock track. If possible, position the energiser with the panel facing south and with a clear line of sight avoiding obstructions such as tree cover.



**OPTIONAL MOUNTING**

The solar energisers can be mounted onto posts using screws and bolts with washers.

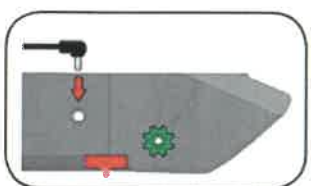


**SWITCHING ON AND OFF**

Press the switch on the front of the energiser. The switch will flash green in time with the pulse. The solar energiser will flash red when the battery power is low.

**CHARGING THE BATTERY**

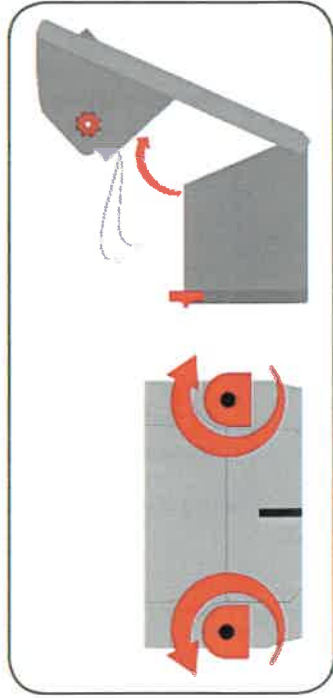
From time to time the battery may need recharging. It is especially important to keep the battery charged when the energiser is not in use and stored away from direct sunlight. Insert the male jack plug on the charger into the socket on the side of the energiser, and plug the head into the wall socket. **The charger must not be used to operate the energiser from mains supply.**



## INSTALLATION GUIDE

### BATTERY ACCESS

If access to the battery is required for replacement or checking, rotate the red twist knobs outwards 90 degrees and hinge the panel section forward. The battery can be removed by unscrewing the battery retaining strap.



### CHECKING THE ENERGISER

Most energisers emit an audible tick caused by the firing of the output transformer. This is a good indication that the energiser is working. The energiser has a pulse indicator, and this should be operating at all times. If the light is flashing green it usually means that the energiser is working correctly. If the light is flashing red then it means that your battery needs charging. **Flash test** – disconnect the croc clips from the Avishock lead wire. Clip the croc clips together making sure the metal jaws contact each other. Slowly draw them apart – you should get a short (1-2mm) spark jumping from one to the other.

**Use a tester** – disconnect completely from the Avishock lead wire and take a reading across the terminals. Depending on the model of the energiser you should have a reading between 7 and 10kv.

Pelsis Ltd's technical support is based on our extensive experience in proofing installations against pest birds, not on engineering expertise. Therefore, it is not possible for us to offer a fully qualified engineering recommendation. If you need assurance on integrity of installation design we recommend you seek the guidance of specialist materials consultants/structural engineers.

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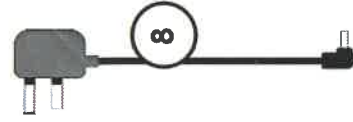
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## INSTALLATION GUIDE

### Description

Avishock Solar Energiser



1. Switch with pulse/low battery indicator
2. Solar panel
3. Avishock lead wire terminal
4. Battery charge socket
5. Battery access twist knobs
6. Battery box
7. Mounting slot
8. Battery charger