



NEWSLETTER

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Solar Powered Energisers on Your Farm

Farmers often face the question: Should I install a relatively long lead-out wire to power the fences at the back of the farm or should I power those fences with a solar powered energiser? The answer can be found by calculating the cost of the lead-out wire and compare it with the cost of a solar powered energiser that is large enough to electrify the area under discussion. Of course, it should also be checked whether the present mains unit would be large enough to provide power for the additional paddocks.

In cases where there is no possibility to get power to the block you want to electrify, or the charges by the power company are higher than a solar powered energiser, the answer is relatively simple.

You may have come across the very versatile and flexible self-contained units that can be moved at any stage without any problems. You will find them on our website www.redsnapr.co.nz. However, when it comes to areas greater than 50 acres, larger energisers than the self-contained LIS10 or LIS30 will have to be installed to make sure that you have enough power to keep your animals where you want them to be.



LIMB50 with 50 W Panel



LIMB50 from behind



LIMB30 with IP Monitor

All our mains energisers can also be powered with batteries. This means you can select any of our energisers (from 2.5 to 16 Output Joules) and we equip them with a solar kit which consists of:

- *Red Trout Mains/Battery Energiser*
- *High Quality Solar Panel*
- *Deep Cycle Battery*
- *Regulator (to protect battery from being overcharged)*
- *Brackets and Leads*

The size of the energiser is determined by the length of the fence. The Amp/h of the battery is determined by the average number of sunshine hours in winter and the solar panel depends on the size of the battery.

Depending on the size and shape of your property it may even be an advantage to install two or more units instead of a larger one. Larger units require larger solar panels; these require special brackets as solar energisers are usually installed in exposed places with high winds. On the other hand, a failure of a solar kit can never be excluded which means if you have two units you have more options.

The three larger Red Trout Energisers are equipped with Wi-Fi facilities which means that if you install your Solar Energiser in a location that has 3G/4G coverage you can control your energiser with your mobile phone. If you would like to control the 2.5 or 3.5 Output Joule Solar Energiser you can add an IP Monitor to the solar panel which will give you the same control facility as with the larger units. This facility saves you a lot of time considering that such units are usually quite a distance away from your home.

For more information please give us a call or consult our website www.redsnapr.co.nz

Happy Farming!

Your Red Snap'r Team

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