



**NEWSLETTER 16/05**  
**November 2016**

## ***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. However, when it comes to areas greater than 50 acres, larger energisers than the self-contained LIS3, 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. For this purpose we offer:*



***Red Trout LIMB30***



***Red Trout LIMB50***



***Solar Unit Mounted***

*Both solar units come with:*

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

### **Red Trout LIB30**

- Mains/Battery Powered Energiser with 2.5 Output Joules
- Covering 25 - 30 km of 3-wired fence
- Deep Cycle Battery 12 V/85 Amp/h
- 40 W Solar Panel
- **Selling Price: \$ 1,342.40 inc. GST excl. freight**

### **Red Trout LIMB50**

- Battery/Mains Powered Energiser with 4.5 Output Joules
- Covering 45 - 50 km of 3-wired fence
- Deep Cycle Battery 12 V/115 Amp/h
- 50 W Solar Panel
- **Selling Prices: \$ 1,567.45 inc. GST excl. freight**

### **Red Trout LIMB80IP (Energiser can be controlled by Wi-Fi)**

- Battery/Mains Powered Energiser with 8.0 Output Joules
- Covering 70 - 80 km of 3-wired fence
- Deep Cycle Battery 2 x 6 V/225 Amp/h
- 100 W Solar Panel
- **Selling Prices: \$ 2,199.00 inc. GST excl. freight**

*The size of the solar panel determines how effective the battery is charged. The Amp/h indication tells you the storage capacity. In other words the higher the Amp/h reading the longer the battery will power your energiser.*

*If your property exceeds the capacity of one energiser you can either install two or more units or choose a larger one. Larger units are available, however, the installation of larger solar panels requires special brackets as solar energisers are usually installed/mounted in exposed places with high winds. On the other hand a failure of a solar kit can never be excluded which means with two units you have more options. Installations of larger solar powered energisers have to be tailor-made. Please give us a call or consult our website [www.redsnapr.co.nz](http://www.redsnapr.co.nz)*

*Happy farming!*

**Your Red Snap'r Team**



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