



NEWSLETTER 20/01
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How are Energisers Powered?

Until recently energisers were powered either by

- *Mains Power (240 V AC)*
- *Battery Power (12 V DC)*
- *Solar Power (6 or 12 V DC)*

There is no difference between a battery powered and a solar powered energiser. Both are powered by batteries, but the battery of the solar powered unit is charged by a solar panel.

*In recent years energiser manufacturers have developed energisers that can be powered by both mains and battery power. We call our “combined” energiser **FLEXIGISER**, short for flexible energisers. This means that all our energisers can be powered by mains or battery power except for the self-contained solar energisers. This means that all our Flexigisers can also be used in combination with solar panels.*

If you purchase one of our Flexigisers you will receive

- *the actual energiser*
- *a power pack to attach the unit to mains power*
- *leads to attach the unit to the battery*



If you would like to charge your battery with a solar panel which will save you valuable time and money, we can offer you a solar kit which combines the two.

For our smaller energisers LIMB30 and 50 the kits look as follows:



The battery is usually placed on the ground and covered with an aerated plastic box (not included). The prices are as follow:

Red Trout LMB30 with Solar Kit	25 – 30 km of fence	\$ 1,342.40
	40 W Solar Panel	
	12 V/85 Amp/h Deep Cycle Battery	
Red Trout LMB50 with solar kit	45 – 50 km of fence	\$ 1,567.50
	50 W Solar Panel	
	12 V/115 Amp/h Deep Cycle Battery	

These prices include energiser, battery, regulator, brackets and leads and GST. The cost of transport is charged separately as it varies from location to location.

Both the energiser and the regulator – the latter prevents the battery from being overcharged – are firmly screwed to the solar panel. If the solar panel is attached to a post with coach bolts the whole unit is practically burglar-proof. This is important since most of such solar kits are in remote locations

For the larger energisers LIMB80, 120 and 160 which require larger solar panels, the kits are put together individually. The main reason for this is, the larger solar panels require frames to make sure that they can be securely installed (wind) and the size of the battery depends on the location of the kit (sunshine hours).

For further information please give us a call, send us an e-mail or come and see us at the showroom in Waipukurau.

Happy Farming!

Your Red Snap'r Team