

Features of Latronics Inverters

(Compared with cheaper alternatives)

All the cheap imported products use high frequency switched mode transformers as opposed to the toroidal transformer used in Latronics products.

The switch mode technology has only one advantage it is physically smaller and about half the weight.

(Compare the weights this will tell you what type of technology is being used)

Advantages of Latronics Inverters

- 1. High surge capacity** – A full 5 second rating compared with imported product ratings that will only hold for around 0.1 second. Our products have the ability to easily start fridges and motors.
- 2. DC circuit breaker** – Latronics is fitted with a circuit breaker, Imported products are generally not fitted with any input protection and require the addition of a circuit breaker or fuses when installed.
- 3. Standby Mode** – the Latronics inverter will go into a power saving mode when there is no load connected and restart automatically when a load is applied. The imported products do not have this feature which results in extra battery drain. Around 1 Amp at no load.
- 4. Two Year Warranty**
- 5. Local support and service in New Zealand** means the product can still be repaired 10 years from now. Most imported units are throw away items as there is no one to repair them.
- 6. Battery leads are supplied** on all Latronics inverters; some imported products are not supplied with leads.
- 7. Galvanic Isolation** - The majority of imported units are not isolated from input to output and the AC output voltage is present on the battery terminals which present an electric shock hazard. Latronics inverters are all fully electrically isolated from input to output.