

SureSine™ Advantages

The SureSine is a 300 watt pure sine wave inverter (12 volt DC input) designed specifically for remote off-grid photovoltaic (PV) systems. It is an ideal inverter for rural electrification projects, telecom, remote cabins and weekend homes, and RV or caravans and boats.

The SureSine's combination of performance, features and competitive price provides the best small inverter value on the market. The advantages of this inverter include the following:

Pure Sine Wave – Provides quality AC equivalent to grid power.

Toroidal transformer design – Generates good wave form throughout the range of input voltages.

Outstanding Surge Capability – Handles up to 200% surge power.

High Efficiency – Has a high peak efficiency of 92%.

Low Self Consumption – Consumes only 450mA while powering loads. Automatic stand-by mode reduces consumption to one tenth of this amount.

Extensive Electronic Protections – Automatic protection against faults and user mistakes including short circuit, overload, high temperatures and low voltage. Recovery from protections is also automatic.

No Internal Cooling Fan – Eliminates a key failure mode and reduces noise, self-consumption and dirt blowing into the electronics.

Tropicalization – Protected against harsh tropical and marine environments through the use of epoxy encapsulation, conformal coating, stainless steel hardware and an anodized aluminum enclosure.

Adjustability – Several parameters may be adjusted via the DIP switch or by connecting to a personal computer.