



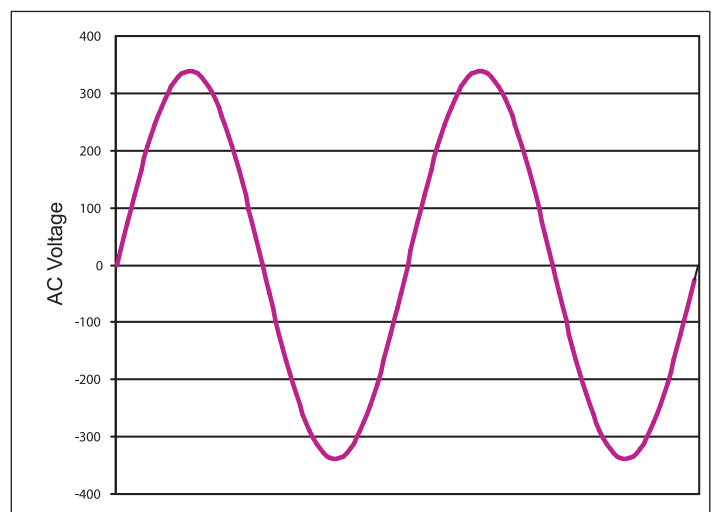
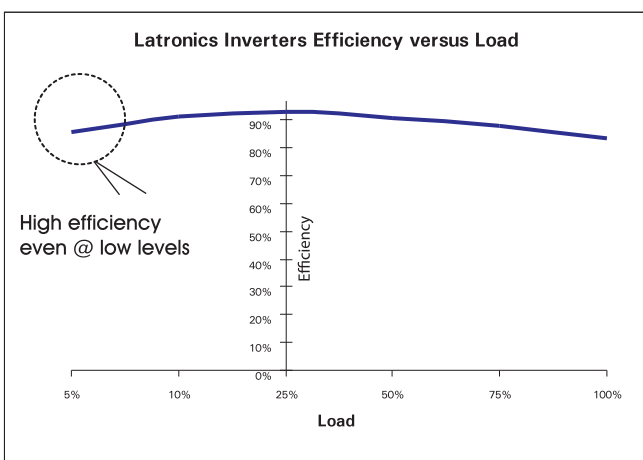
The Latronics LS Series Stand-alone inverters are powerful, reliable and utilise advanced microprocessor algorithms to ensure your power conversion is pure and stable.

**Protection:**  
 Overtemperature  
 Overload/Short Circuit  
 Battery Undervoltage/Overvoltage

Nominal DC Voltage	24V
Continuous Power	4000W
1/2 Hour Rating	4500W
Surge Rating (5secs)	12000W
Input Voltage Range	21-34V
Standby Current	60mA
Inverter ON-no load	1.1A
Peak Efficiency	94%
Output Voltage	230Vac+/-4%
Output Frequency	50Hz=/ $\pm$ 0.1%
Output Waveform	True Sinewave
THD	<4%
Power Factor	All Conditions
Autostart Sensitivity	0-20 W adjustable
DC to AC Isolation	3500 V

Operating Temperature	-10°C to +50°C
Battery Leads	1.5m with 10mm Mounting Lugs
AC Output Wiring	3 Terminal Hardwired Junction Box, Labelled 'AC Output'
AC Input Wiring	3 Terminal Hardwired Junction Box, Labelled 'AC Input'
AC Transfer Switch	40 Amps
Chassis	Powder Coated 3mm Aluminium P.C 4mm Aluminium
Dimensions	475mmL x 458mmW x 187mmH
Weight	30 Kg

### INVERTER EFFICIENCY & OUTPUT WAVEFORM



Proudly distributed by:



16 Parkinson Lane  
 O'Connor WA 6163  
 Australia

**Phone** +61 8 9331 3100  
**Fax** +61 8 9331 5150  
**Email** [mail@amelec.com.au](mailto:mail@amelec.com.au)  
**Web** [www.amelec.com.au](http://www.amelec.com.au)