



DuraSine IT/ITE Series

AC Power Inverter

AC power using Vanner's TruSine® technology handles the most demanding applications. Run compressors, appliances, power tools, test equipment, pumps, lights, motors and more!

The Advantage of Pure Sine-wave Technology

Sine-wave output delivers the most power when you need it . . . at the peak. Power output at the peak of a sine-wave is double the RMS power as well as highly regulated, allowing motors to start easier and faster, and to run cooler and more efficiently.

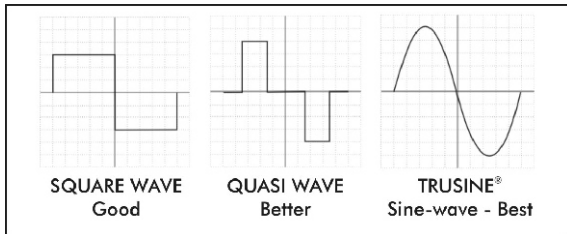
Unlike other sine-wave inverters available today, the IT/ITE is an industrial grade heavy-duty inverter incorporating the advantages of High Frequency power switching technology with the durability and reliability of MOSFET Coupled Transformer technology. The IT/ITE sine-wave output waveform is not distorted under any load - even the most waveform-sensitive instruments will operate more reliably than even utility power.

Customer Designed with You In Mind

The IT/ITE Industrial TruSine® sine-wave inverter is packed with the features and performance you asked for. The installation is easy, the unit's operation is simple, and the design is robust to provide you with years of trouble-free service.

IT/ITE Inverters - Virtually Maintenance Free

The days of oil changes, carbon removals, exhaust fumes, noise, vibration and starting hassles are gone! The IT/ITE Industrial TruSine® system not only saves money on maintenance costs, but saves downtime caused by attending to the needs of high-maintenance engine generators.



TruSine® Technology Sine-wave AC Power

The quality of TruSine® sine-wave output sets the industry standard for output precision. You won't see a multi-stepped output wave found on other inverters. With less than a 4% harmonic distortion you have worry-free AC load compatibility.

Simple Installation

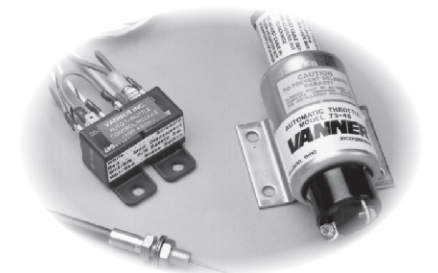
Every step in the installation process has been carefully thought through. Front access to DC, AC and control connections eliminates the awkward pre-connection approach used by other manufacturers to install inverters into vehicle compartments.

No Special Equipment Required

The IT/ITE Industrial TruSine® sine-wave inverter doesn't require any bulky or difficult-to-install special alternators commonly found on belt drive AC power systems. You also won't have to worry about voiding any manufacturer's engine warranties, since the IT/ITE doesn't require expensive, cumbersome alternators or brackets.

Automatic Throttle Control

The IT/ITE is a "thinking inverter". The automatic throttle control provided by the integral Vanner VoltGuard low battery voltage actuator gives you maximum power and run time when your vehicle is equipped with a Vanner automatic throttle system (part no. 73-46). Now the inverter is truly an integrated part of your truck's electrical system, optimizing the truck's performance while minimizing cost.



Automatic Throttle 73-46

Tested for Safety

Vanner IT/ITE Industrial TruSine® sine-wave inverters have been tested for safety by Underwriters Laboratories and listed to UL 458 for land mobile vehicles. Vanner ITE Industrial TruSine® Export models are CE certified.

EXPERIENCE THE POWER.





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| Model Domestic | Continuous Watts | Output Voltage | DC Input Voltage | Voltage Regulation | Frequency Regulation | Waveform Regulation | Weight |
|----------------|------------------|----------------|------------------|--------------------|----------------------|---------------------|-------------------|
| IT12-1600 | 1600 | 120Vac +/- 5% | 10.5-16.6Vdc | +/- 5% | 60 +/- .025Hz | <4% THD* | 46 lbs (101.2 kg) |
| IT12-2000 | 2000 | 120Vac +/- 5% | 10.5-16.6Vdc | +/- 5% | 60 +/- .025Hz | <4% THD* | 48 lbs (105.6 kg) |
| IT12-2200S | 2200 | 120Vac +/- 5% | 10.5-16.6Vdc | +/- 5% | 60 +/- .025Hz | <4% THD* | 57 lbs (125.4 kg) |
| IT12-2600 | 2600 | 120Vac +/- 5% | 10.5-16.6Vdc | +/- 5% | 60 +/- .025Hz | <4% THD* | 70 lbs (154 kg) |
| IT12-3200 | 3200 | 120Vac +/- 5% | 10.5-16.6Vdc | +/- 5% | 60 +/- .025Hz | <4% THD* | 75 lbs (165 kg) |
| IT12-3600PL | 3600/30 min. | 120Vac +/- 5% | 10.5-16.6Vdc | +/- 5% | 60 +/- .025Hz | <4% THD* | 76 lbs (167.2 kg) |
| IT24-3500 | 3500 | 120Vac +/- 5% | 21-33.2Vdc | +/- 5% | 60 +/- .025Hz | <4% THD* | 75 lbs (165 kg) |
| Export | | | | | | | |
| ITE12-1600 | 1600 | 230Vac +/- 5% | 10.5-16.6Vdc | +/- 5% | 50 +/- .025Hz | <4% THD* | 46 lbs (101.2 kg) |
| ITE12-2000 | 2000 | 230Vac +/- 5% | 10.5-16.6Vdc | +/- 5% | 50 +/- .025Hz | <4% THD* | 48 lbs (105.6 kg) |
| ITE12-2200S | 2200 | 230Vac +/- 5% | 10.5-16.6Vdc | +/- 5% | 50 +/- .025Hz | <4% THD* | 57 lbs (125.4 kg) |
| ITE12-2600 | 2600 | 230Vac +/- 5% | 10.5-16.6Vdc | +/- 5% | 50 +/- .025Hz | <4% THD* | 70 lbs (154 kg) |
| ITE12-3200 | 3200 | 230Vac +/- 5% | 10.5-16.6Vdc | +/- 5% | 50 +/- .025Hz | <4% THD* | 75 lbs (165 kg) |
| ITE12-3600PL | 3600/30 min. | 230Vac +/- 5% | 10.5-16.6Vdc | +/- 5% | 50 +/- .025Hz | <4% THD* | 76 lbs (167.2 kg) |
| ITE24-3500 | 3500 | 230Vac +/- 5% | 21-33.2Vdc | +/- 5% | 50 +/- .025Hz | <4% THD* | 75 lbs (165 kg) |

*Output Waveform: True Sine-wave <4% THD for all loads up to max. surge output

Protection Features: Electronic Short Circuit and Reverse Polarity protected when DC in-line fuse equipped

LED Status Indicators: Automatic Throttle Engaged, Low Battery Warning, Low Battery Shutdown, Over-temp Shutdown, Overload, Inverter ON/OFF/Load Demand

Mounting: Multi-configurable mounting brackets to fit the application need

Dimensions: 8.0"H x 13.75"W x 15.75"D

Model numbers are specific to their DC Voltage and Wattage; i.e.: Model number IT12-1600 is: IT (model), 12(DC Voltage), 1600(Wattage)

Vanner's policy is one of continuous improvement. We reserve the right to change specifications without notice.



Your authorized Vanner distributor is:

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800-AC POWER

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