



# TS SERIES TRUWAVE POWER INVERTERS

## PURE POWER FOR THE MOST DEMANDING CONDITIONS

Vanner's rugged, reliable, and safe TS Series AC power inverters are designed to operate and protect equipment in the most extreme conditions. Our proprietary TruWave Technology generates a Pure Sine Wave signal that delivers safe AC power to operate the most demanding power tools and sensitive electronic equipment, while working seamlessly with today's sophisticated OEM electrical systems. **To learn more, contact us today at 800-AC POWER (227-6937), or visit [vanner.com](http://vanner.com).**

### TS SERIES FEATURES

- **PURE SINE WAVE** – TruWave technology generates pure sine wave AC power to operate and protect the most sensitive electronic devices.
- **EFFICIENCY RATING OF 90% TO 93%** – Provides longer inverter engine-off run time from batteries and lower battery discharge.
- **DC INPUT RANGE OF 10.5Vdc TO 16.5Vdc** – The widest DC input range available works with all OEM multi-voltage and multi-mode alternators.
- **OPERATING TEMPERATURE RANGE OF -20C TO +40C (-4F TO +104F)** – Reliable in any climate.
- **THREE SECONDS OF SURGE TIME** – Ample surge time to start and operate the most demanding tools and equipment.
- **ALL-METAL BODY AND CHASSIS** – Ensures fail-safe operation and secure mounting regardless of orientation.
- **EASY INSTALLATION** – The low profile allows for in-cab and behind seat applications.
- **RANGE OF POWER** – Available in 12Vdc and 24Vdc input with an AC output range of 400W to 3,000W, Vanner has the right inverter for any on-board AC power application.



4282 Reynolds Dr, Hilliard, OH 43026 • 800-AC POWER

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**VANNER**<sup>®</sup>  
EXPERIENCE POWER... EXPERIENCE VANNER.

# TS SERIES SPECIFICATIONS

With the most complete lineup of pure sine wave inverters available, Vanner has the right inverter for any application. Our products provide pure AC power to operate the most demanding power tools, combined with the sophistication to protect the most sensitive electronic equipment wherever they're used. **To learn more, call 800-AC POWER (227-6937), or visit [vanner.com](http://vanner.com).**

	PART NUMBER	CONTINUOUS POWER	SURGE 3 SECONDS	DIMENSIONS (LxWxH)	WEIGHT
12-VOLT DC INPUT	TS12-400	400W	600W	8.2" x 7.0" x 2.99"	3.7 Lbs
	TS12-700	700W	1,050W	12.6" x 8.3" x 3.5"	6.0 Lbs
	TS12-1000	1,000W	1,500W	14.3" x 8.3" x 3.57"	7.5 Lbs
	TS12-1500	1,500W	2,250W	16.2" x 9.8" x 3.5"	9.5 Lbs
	TS12-2000	2,000W	3,000W	17.1" x 9.8" x 3.5"	12.0 Lbs
	TS12-3000	3,000W	4,500W	16.6" x 10.2" x 6.3"	18.5 Lbs

	PART NUMBER	CONTINUOUS POWER	SURGE 3 SECONDS	DIMENSIONS (LxWxH)	WEIGHT
24-VOLT DC INPUT	TS24-700	700W	1,050W	12.6 x 8.3 x 3.5	6.0 Lbs
	TS24-1000	1,000W	1,500W	14.3 x 8.3 x 3.57	7.5 Lbs
	TS24-1500	1,500W	2,250W	16.2 x 9.8 x 3.5	9.5 Lbs
	TS24-2000	2,000W	3,000W	17.1 x 9.8 x 3.5	12.0 Lbs
	TS24-3000	3,000W	4,500W	16.6 x 10.2 x 6.3	18.5 Lbs

## GENERAL SPECIFICATIONS

DC INPUT	12Vdc and 24Vdc
DC VOLTAGE RANGE	10.5V-16.5V
OPERATING TEMPERATURE	-20C to +40C (-4F to +104F)
SURGE RATING	150% OF CONTINUOUS POWER FOR 3 SECONDS
EMC STANDARDS	FCC CLASS B: TS400, TS700, TS1000, AND TS1500 FCC CLASS A: TS2000 AND TS3000
EFFICIENCY	90%-93%
STANDBY RECOVERY	FIVE SECONDS



ISO 9001 ISO 14001

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Product designs and specifications described in this literature are subject to change without notice.

