

# POWER INVERTERS

## PURE SINE WAVE

S SERIES (12V) – S300 / S600 / S1200



DC/AC POWER INVERTERS

TECHNICAL SPECIFICATIONS ON BACK PAGE

## UTILITY SERIES POWER INVERTERS

For small utility trucks



### HEAVY-DUTY PERFORMANCE — SMALL FOOTPRINT

Designed for installation in tight areas, the power inverters of this series are compact and yet very powerful. They offer an outstanding level of performance and versatility to power a variety of electronics and small tools. Using technologies similar to those of our flagship series, they offer the high efficiency and uncompromising safety that have made the reputation of our products.

#### KEY BENEFITS

- **HEAVIEST-IN-CLASS COMPONENTS**  
High capacity & superior quality components only
- **INDUSTRY-LEADING RETURN ON INVESTMENT**  
Lowest total cost of ownership
- **AMERICA'S LONGEST LASTING INVERTERS**  
99.1% reliability rate after 2 years of use
- **BEST-IN-CLASS PERFORMANCE**  
Ultra-high output efficiency & continuous output capacity only
- **EXCLUSIVE 5-STAR SAFETY RATING**  
Overload, low battery level, high temperature, high voltage & reverse polarity



S300



S600



S1200

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S SERIES (12 V) – S300 / S600 / S1200

MODEL	S300	S600	S1200
TYPE	POWER INVERTER	POWER INVERTER	POWER INVERTER
PART NUMBER	TUN212001	TUN212002	TUN212003

### ELECTRICAL SPECIFICATIONS

Continuous output power	300 W	600 W	1200 W
Peak output power	600 W	1200 W	2400 W
Input voltage (nominal)	12 VDC	12 VDC	12 VDC
Operating input voltage	10-16 VDC	10-16 VDC	10-16 VDC
Output voltage	120 VAC +/- 3%	120 VAC +/- 3%	120 VAC +/- 3%
Output frequency	60 Hz	60 Hz	60 Hz
Output wave form	Pure	Pure	Pure
DC efficiency (peak)	90%	90%	90%
AC efficiency (peak)	99%	99%	99%

### GENERAL SPECIFICATIONS

AC outputs	2 NEMA 5-15R	2 NEMA 5-15R	2 NEMA 5-15R
Operating temperature	-30° to 131°F	-30° to 131°F	-30° to 131°F
Cooling fan	Thermostatic	Thermostatic	Thermostatic
Construction	Aluminum	Aluminum	Aluminum
DC inputs	Screws for #6 terminals	Blocks for 3/8" terminals	Blocks for 3/8" terminals

### DIMENSIONS & WEIGHT (L×W×H)

Unit dimensions - Imperial (in.)	10.2 × 5.1 × 3.3	11.4 × 7.1 × 3.3	16.6 × 7.1 × 3.3
Unit dimensions - Metric (cm)	26.0 × 13.0 × 8.4	29.0 × 18.0 × 8.4	42.4 × 18.0 × 8.4
Unit weight (lbs./kg)	4.4 / 2.0	6.2 / 2.8	10.0 / 4.5
Shipping dimensions - Imperial (in.)	11.9 × 8.7 × 6.1	14.6 × 11.2 × 7.2	19.7 × 11.2 × 7.2
Shipping dimensions - Metric (cm)	30.2 × 22.0 × 15.5	37.0 × 28.5 × 18.4	50.0 × 28.5 × 18.4
Shipping weight - (lbs./kg)	5.4 / 2.5	7.8 / 3.6	11.8 / 5.4
Warranty	1 year	1 year	1 year