

PST SERIES | Heavy Duty

SAMLEX PRODUCT	MODEL RANGE	INPUT	OUTPUT	COOLING SYSTEM	REMOTE CONTROL	HARDWIRE OPTION	WARRANTY
	120 - 3000 Watts	12, 24 or 48 VDC	120 VAC	Temperature Controlled	RC-300 For use with 1500 - 3000W Models RC-15A For use with 600 & 1000W Models (Remotes sold separately)	1000 - 3000W	3 Years Limited



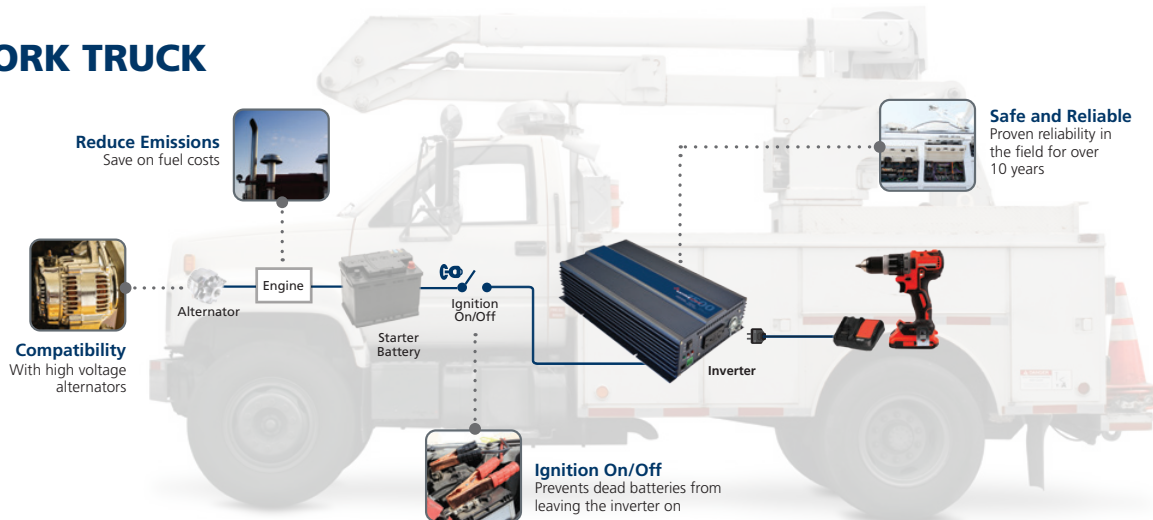
NTX SERIES | Powerful Performance

SAMLEX PRODUCT	MODEL RANGE	INPUT	OUTPUT	COOLING SYSTEM	REMOTE CONTROL	HARDWIRE OPTION	WARRANTY
	1000 - 3000 Watts	12 VDC	120 VAC	Load Controlled	NTX-RC (Included)	-	2 Years Limited



Pure Sine Wave – Identical to utility power that comes out of the wall at home. Use for inductive loads, they'll run quieter and cooler; sensitive electronics (low harmonic interference); devices with built-in clocks or timers.

WORK TRUCK



SAM SERIES | Compact Design

SAMLEX PRODUCT	MODEL RANGE	INPUT	OUTPUT	USB PORT	COOLING SYSTEM	REMOTE CONTROL	HARDWIRE OPTION	WARRANTY
	100 - 3000 Watts	12 VDC	120 VAC	100W - 800W	Load Controlled	SAM-RC For use with 1000 - 3000W Models (Sold separately)	-	2 Years Limited

Modified Sine Wave – Use for a low-cost inverter solution, devices with basic motors (tools), to charge laptops, smartphones, banks of mobile radios. Good for emergency power back-up systems; run lights, radios and televisions.



APPLICATIONS CHART

DEVICE

	PST-120-12	PST-150-12/24	PST-300-12/24	PST-600-12/24/48	PST-1000F-12	PST-1000-12HD	PST-1000-24	PST-1500-12/24/48	PST-2000-12/24	PST-3000-12/24	NTX-1000-12	NTX-1500-12	NTX-2000-12	NTX-3000-12	NTX-3000S-12	SAM-100-12	SAM-250-12	SAM-450-12	SAM-800-12	SAM-1000-12	SAM-1500-12	SAM-2000-12	SAM-3000-12
Smartphone Charger (15W)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Laptop Computer (100W)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Circular Saw, 10", 1.5 HP (1200W)																							
Drip Coffee Maker (500 - 900W)					•	•	•	•	•	•	•	•	•	•	•								
Single Serve Coffee Maker (1200 - 1500W)																							
Cordless Tool/Radio Charger (Li-Ion) (40W)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3/8" Variable Speed Drill (350W)																							
TV - 32" LCD (150W)																							
Microwave Oven (700W)																							
Vacuum – Small Upright (550W)																							
Heat Gun (1500W)																							
Small Bar Fridge (200W)																							
Work Site Flood Light (500W)																							
Gaming Console (200W)																							
CPAP Machines (100W)																							

NOTES: SAM SERIES modified sine wave inverters, will cause **power adapters** (for devices that use them) to run hot and shorten the life of the power adapter.



PST-3000-12



NTX-1500-12



SAM-1000-12

PURE SINE WAVE

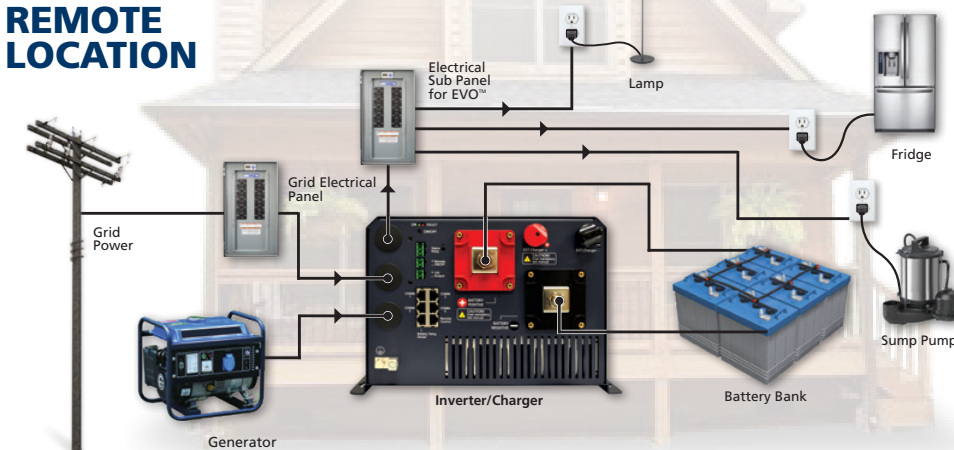
Pure Sine Wave Inverter, Battery Charger and Transfer Switch, All-in-**ONE** device!



The image shows a red and black coiled cable, likely a high-pressure hose, with a metal handle. Next to it is a cardboard box labeled '3500' with the 'santotop' logo. The box also features technical specifications and a small illustration of a person using the product. A small bottle of oil is visible in the bottom left corner.

Recommended size of inverter for up to 3% voltage drop from battery to the inverter for 10 ft cable run and up to 5% voltage drop for 15 ft cable run.

b) Cable Specifications: (i) Red Positive, Black Negative, each 10 ft or 15 ft length, (ii) 600V, -50°C to 105°C, (iii) Stranded conductors with crimped Ring Terminals on either end: Hole diameter 0.41" for 3/8" stud.



The diagram illustrates a comprehensive RV power system. At the top, two solar panels are shown with labels: "Solar Panel", "Branch Connectors", "Solar Panel Expansion", and "Adjustable Solar Panel Tilt Mount". These panels are connected to a "Charge Controller". Below the charge controller is a "Battery Bank". A "Fuse Block Circuit Protection" is connected between the battery bank and the "Inverter". The inverter is part of a larger unit labeled "Battery Charger" which also contains a "Transfer Switch". An "Inverter Remote" is connected to the inverter. The inverter outputs power to an "AC Breaker Distribution Panel", which then feeds into "AC Outlets". A dashed line labeled "OR" indicates an alternative power source: a "Portable Solar Charging Kit" connected to a "Samlex EVO™ INVERTER/CHARGER 2 AC Inputs". This unit is also connected to the AC Breaker Distribution Panel. Finally, a "Shore Power/Grid" connection and an "AC Generator" are shown as additional power sources for the AC Breaker Distribution Panel.