

Samlex Overview

Key Message: Robust inverter with factory safety certifications at a competitive price point.

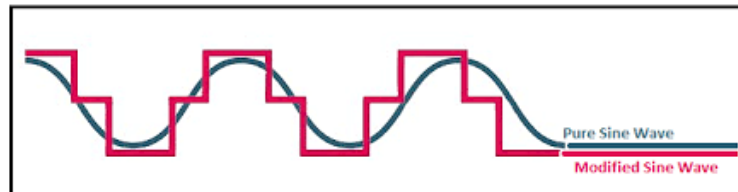
- Based in Vancouver, BC over 50 years ago
- Historical focus has been on work-trucks or heavy equipment
- Both Pure Sine Wave and Modified Sine Wave options available
- Inverters have the same certifications as factory options (CE, CSA, ETL, FCC, RoHS, UL)
- Robust inverter ensures unit will not derate or overheat. Can run at full rated power continuously + run at full surge rating for 1 second.
- Equipped with GFCI outlet + other safety features
- Compact design ensures fit in truck inverter locations
- Competitive price point for the value
- Cable harness kits are high-quality and protected at the battery



Samlex Overview

Key Message: Modified and Pure Sine Wave units output different electrical signals that are ideal for different applications.

- Modified Sine Wave units are ideal for standard applications, such as charging or running basic electronics.
- Pure Sine Wave units provide the same power signal that comes from a standard shore power outlet. These are ideal for more sensitive electronics such as a C-PAP machine and specialized electronics.
- Pure Sine Wave units ensure electronics operate correctly and extend their useful life.



APPLICATION CHART

	NTX-1000-12	NTX-1500-12	NTX-2000-12	NTX-3000-12	SAM-1000-12	SAM-1500-12	SAM-2000-12	SAM-3000-12	PSE-24275A
DEVICE									
Smartphone Charger (15W)	•	•	•	•	•	•	•	•	•
Laptop Computer (100W)	•	•	•	•	•	•	•	•	•
Circular Saw (10", 1.5 HP)								•	•
Coffee Maker (1200W)		•	•	•		•	•	•	•
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 (100W)	•	•	•	•	•	•	•	•	•



NTX-1500-12



SAM-1000-12



PSE-24275A



samlexamerica®



MODIFIED SINE WAVE POWER INVERTERS

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
M1000	1000W Modified Sine Wave Power Inverter	PSO SAM 1000 12REM	1000W Modified Sine Wave Power Inverter + Remote Control
M1500	1500W Modified Sine Wave Power Inverter	PSO SAM 1500 12REM	1500W Modified Sine Wave Power Inverter + Remote Control
M1800	1800W Modified Sine Wave Power Inverter	N/A	
M2000	2000W Modified Sine Wave Power Inverter	PSO SAM 2000 12REM	2000W Modified Sine Wave Power Inverter + Remote Control
M2500	2500W Modified Sine Wave Power Inverter	N/A	
M3000	3000W Modified Sine Wave Power Inverter	PSO SAM 3000 12REM	3000W Modified Sine Wave Power Inverter + Remote Control

PURE SINE WAVE POWER INVERTERS

N/A		PSO NTX 1500 12	1500W Pure Sine Wave Power Inverter
S1800	1800W Pure Sine Wave Power Inverter	N/A	
N/A		PSO NTX 2000 12	2000W Pure Sine Wave Power Inverter
S2500	2500W Pure Sine Wave Power Inverter	N/A	

INSTALLATION KITS

CM1012	1000W Truck Approved Power Inverter Installation Kit (12-FT CABLES)	PSO DC 2000 KIT	200A Power Inverter Installation Kit (10-FT CABLES) or use with 1000W Power Inverters
CM1512	1500W Truck Approved Power Inverter Installation Kit (12-FT CABLES)	PSO DC 2500 KIT	300A Power Inverter Installation Kit (10-FT CABLES) for use with 1500—2000W Power Inverters
CM2012	2000W Truck Approved Power Inverter Installation Kit (12-FT CABLES)	PSO DC 2000 KIT	300A Power Inverter Installation Kit (10-FT CABLES) for use with 1500—2000W Power Inverters
N/A		PSO DC 2000 KIT XL	300A Power Inverter Installation Kit (15-FT CABLES) for use with 1500—2000W Power Inverters
CM2512	2500W Truck Approved Power Inverter Installation Kit (12-FT CABLES)	N/A	
CM3012	3000W Truck Approved Power Inverter Installation Kit (12-FT CABLES)	PSO DC 3500 KIT	400A Power Inverter Installation Kit (10-FT CABLES) for use with 3000W Power Inverters

Samlex Overview

Key Message: Ensuring cables are sized correctly for the inverter is key to reducing voltage drop along the circuit.

- Proper cable size and length are important to ensure that the correct voltage is getting to the inverter and that the cables are rated for the amount of power being carried.
- Proper cable size ensures that the inverter operates correctly and reduces issues of damage or overheating along the cable.
- Additionally, Samlex cable kits use a fuse cube at the battery ensuring that the whole cable is protected.

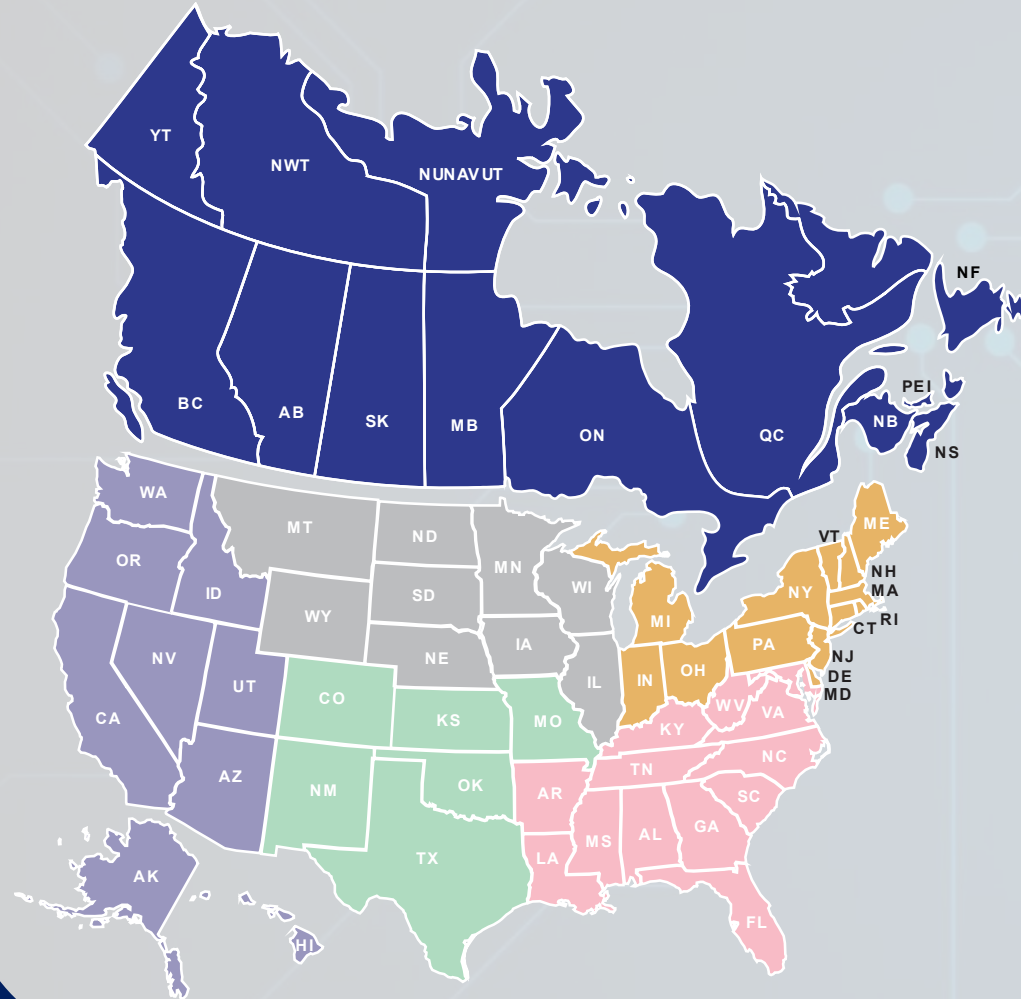
INSTALLATION KITS CHART



PART NO.	CABLE	FUSE	NTX SERIES				SAM SERIES				PSE-24275A
			NTX-1000-12	NTX-1500-12	NTX-2000-12	NTX-3000-12	SAM-1000-12	SAM-1500-12	SAM-2000-12	SAM-3000-12	
DC-1000-KIT	AWG#4 2 x 10 ft	MRBF-100 100A									
DC-2000-KIT	AWG#2 2 x 10 ft	MRBF-200 200A	•				•				
DC-2500-KIT	AWG#2/0 2 x 10 ft	MRBF-300 300A		•	•			•	•		•
DC-2500-KIT-XL	AWG#2/0 2 x 15 ft	MRBF-300 300A		•	•			•	•		•
DC-3500-KIT	AWG#4/0 2 x 10 ft	CFB2-400 400A				•				•	

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.

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