INVERTER QUICK REFERENCE GUIDE
Series Comparison Chart

PURE SINE WAVE

PST SERIES | Heavy Duty

SAMLEX PRODUCT	MODEL RANGE	INPUT	OUTPUT	COOLING SYSTEM	REMOTE CONTROL	HARDWIRE OPTION	WARRANTY
	150 - 3000 Watts	12 or 24 VDC	120 VAC	Temperature Controlled	**RC-300** For use with 1500 - 3000W Models **RC-15A** For use with 600 & 1000W Models (Sold separately)	1500, 2000 & 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.

MODIFIED SINE WAVE

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.

WORK TRUCK

SIZING CHART

DEVICE	PST-150-12	PST-300-12	PST-600-12	PST-1000-12	PST-1500-12	PST-2000-12	PST-3000-12	NTX-1000-12	NTX-1500-12	NTX-2000-12	NTX-3000-12	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)							•												•
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)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

PST-3000-12

NTX-1500-12

SAM-1000-12

samlexamerica®

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Series Comparison Chart

PURE SINE WAVE

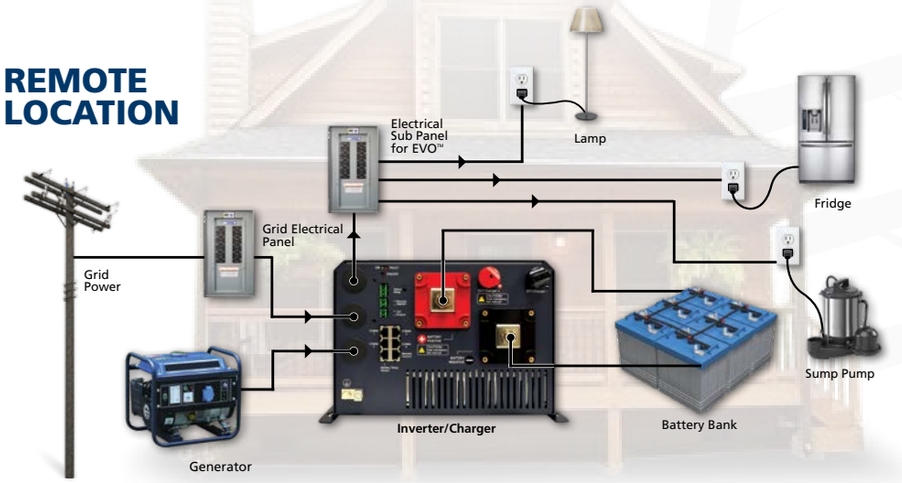
EVO™ SERIES | Complete Power Solution

SAMLEX PRODUCT	MODEL RANGE	INPUT	OUTPUT	COOLING SYSTEM	REMOTE CONTROL	HARDWIRE OPTION	WARRANTY
EVO™	2200 - 4000 Watts	12 or 24 VDC	120 VAC	Temperature Controlled	**EVO-RC** For use with 2200-4000W Models (Sold separately)	Yes	3 Years Limited
EVO™F	1200 Watts	12 or 24 VDC	120 VAC	Temperature Controlled	**EVO-RC-PLUS** For use with 1200W Models (Sold separately)	EVO-1212F-HW & EVO-1224F-HW	3 Years Limited

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

(Only 2 AC Inputs Models)

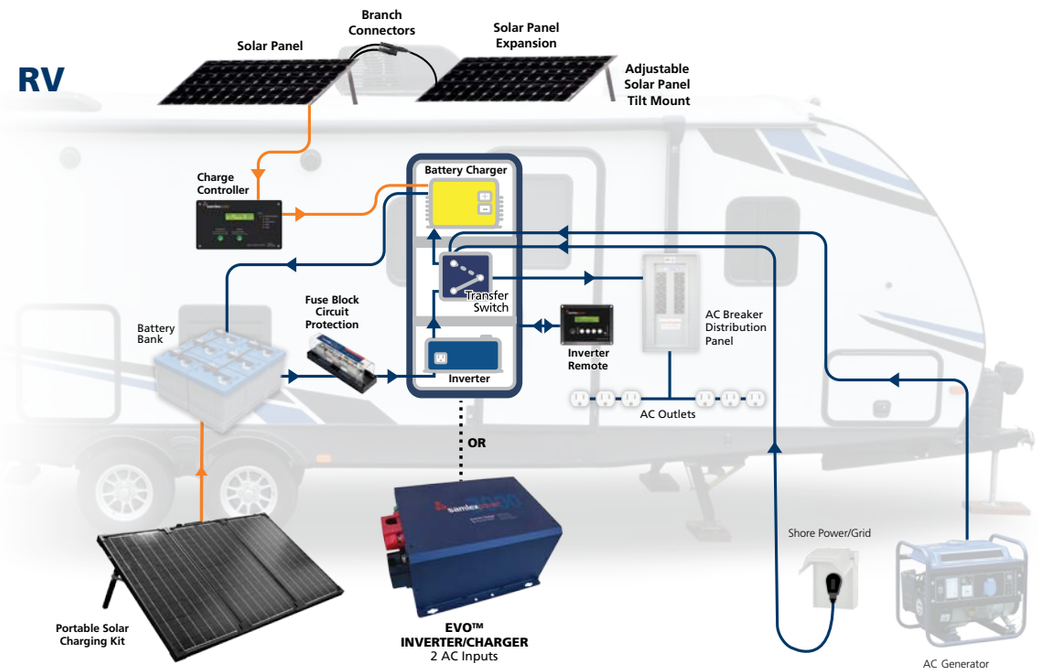
REMOTE LOCATION



INVERTER INSTALLATION KITS | Simplify Your Install

MODEL NO. OF INVERTER INSTALLATION KIT	CABLE	FUSE	EVO™ SERIES: EVO-1212F (HW)	EVO-1224F (HW)	EVO-2212/ 2212E	EVO-2224/ 2224E	EVO-3012/ 3012E	EVO-4024/ 4024E	PST SERIES: PST-600-12	PST-1000-12	PST-1000F-12	PST-1500-12	PST-2000-12	PST-3000-12	PST-600-24	PST-1000-24	PST-1500-24	PST-2000-24	PST-3000-24	PST-600-48	PST-1500-48	PST-1005-12E	PST-1505-12E	PST-2005-12E	PST-3005-12E	PST-605-24E	PST-1005-24E	PST-1505-24E	PST-2005-24E	PST-3005-24E	PST-605-48E	NTX SERIES: NTX-1000-12	NTX-1500-12	NTX-2000-12	NTX-3000-12	SAM SERIES: SAM-800-12	SAM-1000-12	SAM-1500-12	SAM-2000-12	SAM-3000-12	SAM-1500C-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.

NOTES: a) Specifications are subject to change without notice.
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.

RV