

SAMLEX AMERICA

3000W
SAM-3000-12, 12 VDC - 115 VAC



DESIGN FEATURES.

- Compact and lightweight
- High Surge: 2X Continuous Power
- True Sine Wave Power ideal for sensitive loads
- Soft Start and Cool Surface technology
- 2 GFCI protected outlets
- LCD Remote Control Included: SSW-R1-12B
- Protections: Thermal, battery low/high, overload, short circuit & ground fault
- ETL Safety Listed to UL standard 458



MODELO NO.		SAM-3000-12
INPUT	BATTERY SYSTEM VOLTAGE	12 VDC
	NOMINAL INPUT VOLTAGE	12.5 VDC
	INPUT VOLTAGE RANGE	10.5 to 15.0 (+/- 0.5) VDC
	INPUT CURRENT AT CONTINUOUS POWER	269 A to 275 A
	INPUT CURRENT AT NO LOAD	0.85 A to 0.95A
OUTPUT	OUTPUT VOLTAGE WAVE FORM	Modified Sine Wave
	OUTPUT VOLTAGE	115 VAC
	OUTPUT VOLTAGE REGULATION	+13% / - 0%
	OUTPUT FREQUENCY	60 Hz +/- 5%
	OUTPUT POWER, CONTINUOUS (RESISTIVE LOAD)	3000 W
	OUTPUT POWER, SURGE (< 1 SEC, RESISTIVE LOAD)	6000 W
	PEAK EFFICIENCY (AT 50% OF CONTINUOUS POWER)	90%
	USB CHARGING PORT	Not available
PROTECTIONS	LOW INPUT VOLTAGE ALARM	Yes (10.8 + / - 0.3 VDC)
	LOW INPUT VOLTAGE SHUTDOWN	10.5 +/- 0.5 VDC
	HIGH INPUT VOLTAGE SHUTDOWN	Yes. (> 15.5 VDC)
	OVER TEMPERATURE SHUTDOWN	Yes (Auto reset)
	OVERLOAD SHUTDOWN	Yes (Latches in shutdown condition. Manual reset by switching off and switching on the On / Off Switch)
	COOLING FAN, LOAD CONTROLLED, ON AT	90 to 110 W
	LEAKAGE PROTECTION	Yes (Shutdown)
	INPUT FUSE, 32 V	480 A (16 X 30 A)
CONNECTIONS	INPUT CONNECTION	Nut and Bolt
	OUTPUT CONNECTION - NO OF NEMA5-15R RECEPTACLES	3
	REMOTE CONTROL PORT	Yes
PROTECTIONS	OPERATING TEMPERATURE RANGE	0 to 25 C at 100% loading; 26 C to 35 C at 80 % loading
	OPERATING HUMIDITY	< 80%
	NEUTRAL TO CHASSIS BONDING	No. Neutral is floating
	DIMENSIONS, MM (L X W X H)	420 x 202 x 84
	DIMENSIONS, INCHES (L X W X H)	16.53 x 7.95 x 3.3
	WEIGHT, KG	5.5
	WEIGHT, KG	11.8

NOTE: Specifications are subject to change without notice