



LIFESINE LSC12-2000[®]

PURE SINE WAVE AMBULANCE POWER MODULE



PURE SINE WAVE POWER FOR THE MOST DEMANDING CONDITIONS

Since 1977, Vanner's products have been designed to exceed industry standards for safety and reliability. With more than three years of development and testing, the LifeSine is no exception. It's much more than an inverter that delivers 2000 watts of pure sine wave power. When plugged into shore power, the LifeSine functions as a 100 amp battery charger and a 20 amp DC power supply. All these features, as well as Ignition Safety Interlocks comply with GSA, AMD, NFPA, and CAAS GVS, and are contained in one module for ease of installation. **For more information on LifeSine or support on any Vanner product call, 800-AC POWER (227-6937), or visit vanner.com.**

LIFESINE INVERTER FEATURES

- **2000 WATTS OF PURE SINE WAVE POWER** – Precisely regulated to power today's most sensitive EMS equipment
- **3-STAGE, 100 AMP BATTERY CHARGER** – Compatible with sealed AGM, flooded lead-acid, and deep-cycle LiFePO4 batteries
- **INTEGRATED 20 AMP POWER SUPPLY** – No additional DC power supply needed to operate checkout lights and other DC loads
- **SAFETY FIRST** – UL Certified and designed to exceed GSA, NFPA, AMD, and CAAS GVS specifications and testing
- **FIELD-TESTED** – The LSC12-2000 has been vigorously field tested for more than three years to assure maximum performance and reliability in all conditions
- **COMPACT SIZE** – Low profile design mounts virtually anywhere, in any orientation
- **DIMENSIONS** – 9.88"W x 4.56"H x 17.83"D
- **LIGHTWEIGHT** – Weighs only 13.3 pounds



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LIFESINE® INVERTER OVERVIEW

INVERTER	LSC 12-2000
OUTPUT AT 120Vac RMS (continuous power rating)	2000W
SURGE CAPACITY AT 120Vac (2 sec)	4000W
INPUT VOLTAGE, Vdc (deep cycle battery recommended)	12Vdc, nominal, 10.50Vdc minimum, 16.50Vdc maximum
AC OUTPUT VOLTAGE	120Vac ± 3%

DC CURRENT DRAW (BATTERY)	
OFF	0.00mA Typical
IN LOAD DEMAND	<0.4A Typical
FULL ON AT NO AC LOAD	<4A @12.5V
FULL ON WITH AC LOAD	Approximately AC Load Watts ÷ 10
FREQUENCY	60 Hz± 0.20%
OUTPUT WAVE FORM	Pure Sine Wave

BATTERY CHARGER	
4-RATES OF CHARGING CAPACITY	25A / 50A / 75A / 100A
INPUT VOLTAGE	120Vac ± 10%
INPUT CURRENT	16.5A @110Vac
BULK VOLTAGE	14.20Vdc (flooded), 14.40Vdc (LiFePO4), 14.40Vdc (agm)
FLOAT VOLTAGE	13.20Vdc (flooded), 14.00Vdc (LiFePO4), 13.60Vdc (agm)

BYPASS TRANSFER	
OUTPUT CURRENT	30A

DC SOURCE	
OUTPUT VOLTAGE	Battery Voltage
OUTPUT CURRENT	20A Maximum (current must be subtracted from "Charging Capacity" above)

OTHER SPECIFICATIONS	
AC INPUT TERMINATION	Hardwired
AC OUTPUT TERMINATION	Hardwired
AMBIENT TEMPERATURE	-4°F to +104°F (-20°C to +40°C)
COOLING AIR	Fan Cooled
CHASSIS	Aluminum
DIMENSIONS	9.88" w x 4.56" h x 17.83" d
WEIGHT	13.30 Lbs



ISO 9001 ISO 14001

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Product designs and specifications described in this literature are subject to change without notice.

