



EXPERIENCE POWER... EXPERIENCE VANNER.

# LifeStar™ 20-1050CUL-DC Ambulance Power Module

Experience the new, rugged, all-climate Power Module

## Extraordinarily Reliable

- Purpose built for Ambulance Installations
- Industry's first Power Module designed to exceed new NFPA & GSA specifications
- 1050 watts of precisely regulated AC power and a 55 amp battery charger when plugged into shore power
- Operate your equipment's DC loads and check out lights with a built-in 20 amp power supply - no secondary, DC power supply is required
- New circuitry and lower EMI
- Integrated NFPA/GSA required ignition interlock
- Forward and backward compatible with existing Vanner inverter/chargers



Vanner ... the trusted name for more than 30 years

### High tech power solutions and vehicle transformation

Tim McLane, National EMS Accounts Manager  
4282 Reynolds Dr.  
Hilliard OH 43026  
timm@vanner.com  
614.882.1562  
1.888.AC.POWER  
1.800.AC.POWER  
www.vanner.com

Experience Power ... Experience Vanner



EXPERIENCE POWER... EXPERIENCE VANNER.

## LifeStar<sup>®</sup> 20-1050CUL-DC Ambulance Power Module Specs

Inverter	20-1050CUL-DC	20-1000TUL-DC
Output at 120 VAC RMS (Continuous Power Rating)	1050 Watts	
Surge Capacity at 120 VAC (3 sec)	2100 Watts	
Input Voltage, VDC (Deep Cycle Battery Recommended)	12 VDC, Nominal 10.5 VDC min, 16.0 VDC max.	
AC Output Voltage	120 VAC $\pm$ 5%	
<b>DC Current Draw (Battery)</b>		
OFF	0.017 Amps Typical	
In Load Demand	0.09 Amps Typical	
Full ON at No AC Load	0.7 Amps Typical	
Full On with Load	Approx. AC Load Watts / 10	
Frequency	60 Hz $\pm$ 0.2%	
Output Wave Form	Modified Sine Wave	
<b>Battery Charger</b>		
Charging Capacity (note "DC Source" section below)	55 Amps (High) 15 Amps (Low)	N/A
Input Voltage	120 VAC $\pm$ 10%	N/A
Input Current	12.0 Amps	N/A
Bulk Voltage	14.2 VDC (flooded), 14.1 VDC (gel)	N/A
Float Voltage	13.2 VDC (flooded), 13.6 VDC (gel)	N/A
<b>Bypass Transfer</b>		
Output Current, GFCI Outlet	12 Amps	
<b>DC Source</b>		
Output Voltage	Battery Voltage	
Output Current	20.0 Amps Max. (Current must be subtracted from "Charging Capacity" above)	
<b>Other Specifications</b>		
AC Input Termination	3ft. Line Cord	
AC Output Termination	Duplex GFCI Receptacle	
Ambient Temperature	-20° to +110°F, -29° to +43.4°C	
Cooling Air	Fan Cooled	
Chassis	Aluminum	
Dimensions	11.57"W x 5.94"H x 11.04"D	
Weight	22 LBS	

Experience Power ... Experience Vanner.