

# LifeLineMobile®

## Shore power connection to a building

Here are some general instructions for providing shore power to your new LifeLine van. LifeLine can supply all electrical receptacles for your shore power hook-ups.

- ❑ In most cases, the maximum electrical draw on a LifeLine van is 35-38 amps of 220V (+/- 10%) single phase power. We up-size your on-board receptacle for 100 amp service so you have room to enlarge your system.
- ❑ Medical van electrical receptacles, lights, and interior equipment connect to a 100 amp Cutler-Hammer single phase load panel with 24 circuit capacity. (Only 14-16 of the circuits are typically in use, leaving you space for future additional circuits.)
- ❑ A shore power cord (4/4 S/O) is stored undercarriage. On the end that plugs into the building itself is a Meltric 32-68076-380-4X 100-amp male plug, 2 pole 4 wire-125/250v.
- ❑ A qualified, professional electrician is required to set up your shore power stalk [permanent electrical station] at each of your remote sites. The building power supply should be terminated with a Meltric brand Type DSR contactor. This 100A polyester-housed receptacle is coded 32-64076-380-4X with low pressure, water-resistant gasketing. The angle adapter is coded 514M3. The junction box is coded "7T4F0N20 Cast Box." .
- ❑ An automatic transfer switch on your LifeLine Mobile unit pre-qualifies the voltage and phase from your building. Improper building power will be stopped from entering the vehicle.
- ❑ Before you plug the shore power cord into your building receptacle, make sure that the electrical connection is complete, and that it has been checked out by a professional, licensed electrician. The plug should be wired for 220V (+/-10%), single phase power in the pin configuration shown on the shore power receptacle photo-diagram.
- ❑ We urge your caution! Significant damage, including fire, can occur if the van is improperly wired to a shore power station. LifeLine is not responsible for improper electrical hook-ups to shore power connections.

Once the stalk is properly installed, one end of the van's shore cord is connected to the permanent stalk (supplied by the van owner).



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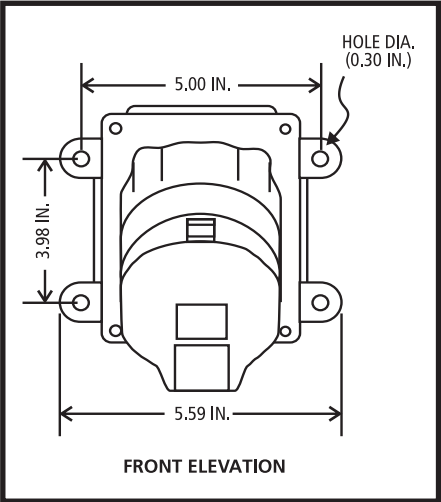
## Shore power building receptacle

In most cases, the maximum electrical draw on a LifeLine van is 35-38 amps of 125/250 volt **single phase** power. We up-size your on-board receptacles for 100-amp service, so you have plenty of capacity.

The matching building connection for your new LifeLine Mobile unit is a Meltric brand Type DSR contactor. This 100A polyester-housed receptacle is coded 32-64076-380-843 with low

pressure, water-resistant gasketing. The angle adapter is coded 514M3. The junction box is coded "7T4F0N20 Cast Box." We recommend that this receptacle assembly be housed in a weather-tight box to prevent vandalism.

These items can be ordered directly from LifeLine, at wholesale cost plus shipping. Lead time is 2-3 weeks.



**THE VEHICLE WILL OPERATE FROM EITHER  
208 OR 240-VOLT SERVICE  
BUT MUST BE WIRED TO SINGLE-PHASE**

**BE SURE TO CONNECT BUILDING  
RECEPTACLE AS INDICATED BELOW**

**125/250V SINGLE PHASE**

