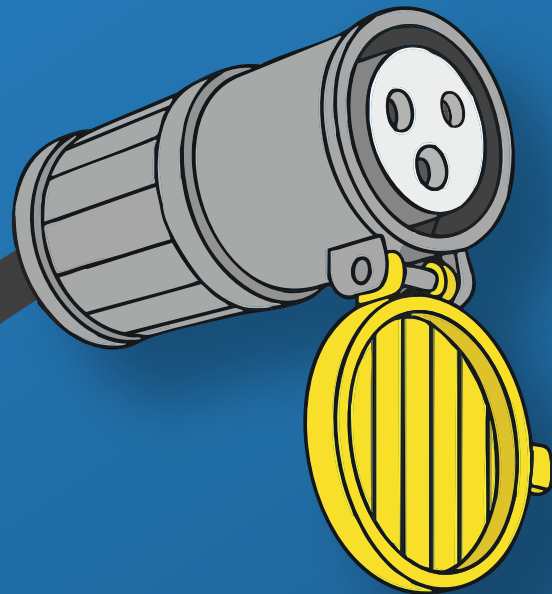
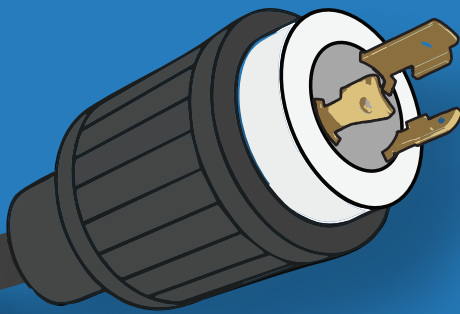


Frazer Shore Power

Customer Setup Guide



Frazer[™]

Defining the Future of Mobile Healthcare.[™]

Frazer Shore Power – Customer Setup Guide

What You Need to Know to Power Your Frazer Unit Safely

1 What Frazer Provides (Vehicle Side)

Your Frazer unit is designed to connect to facility power using one or two dedicated **Shore Power Lines**. These lines ensure a safe, reliable transfer of power from your building to your vehicle when parked.

Available Shore Power Line Options

Each Shore Power Line includes a Frazer-specified connector on the vehicle side and your choice of connector on the facility side.

Vehicle Connection	Cable Type	Length Options	Facility Connection
20A Auto Eject	10/3 SOOW	10', 15', 20'	NEMA L5-20P, Unfinished, or Other
30A Auto Eject	8/3 SOOW	10', 15', 20'	NEMA L5-30P, Unfinished, or Other
50A Manual Removal	6/3 SOOW	10', 15', 20'	NEMA 14-50P, Unfinished, or Other

Important: All harnesses are ordered as part of your vehicle configuration. Your Regional Sales Manager can help select the correct option.

Note: Keep cable lengths as short as possible to minimize voltage drop.

2 Power Requirements for Your Facility

While Frazer provides the Shore Power Line, your facility is responsible for supplying stable, dedicated power. Here are the electrical requirements your building must meet:

Required Power at the Vehicle:

- **Voltage**
115 - 120 VAC (measured under load)
- **Phase**
Single-phase
- **Amperage**
20A circuit for 20A connection
30A circuit for 30A connection
50A circuit for 50A connection
- **Frequency**
60 Hz
- **Circuit**
Dedicated, no shared loads

Important: Always have a licensed electrician verify your setup. Frazer does not install or specify facility wiring.

3 How to Select the Right Configuration

Use the table below to match your vehicle's onboard equipment to the appropriate shore power setup. This ensures your ambulance receives the correct power capacity based on its configuration.

If Your Vehicle Has...	Use This Shore Setup
1 onboard battery charger and no fridge	One (1) 30A Auto Eject + One (1) 20A Auto Eject
Multiple chargers or a fridge	Two (2) 30A Auto Ejects
hPower system	Two (2) 30A Auto Ejects OR One (1) 50A Manual Plug

Your specific model and options may vary. Refer to your Regional Sales Manager for guidance during the build process.

4 Avoiding Common Pitfalls

To ensure reliable performance, avoid these common mistakes:

- **Use only the Frazer Shore Power Line. Never use auto-retractable reels, coiled cords, extension cords, or pigtails - they can cause voltage drops and damage equipment.**
- **Plug the Frazer Shore Power Line directly into the facility shore-power receptacle on a dedicated breaker (no shared circuits with refrigerators, tools, or other loads).**
- **Make sure all plugs are undamaged and connections are secure. These are common causes of voltage drop.**

5 Next Steps & Support

What You Can Do:

- **Order Frazer Shore Power Lines with your unit.**
- **Schedule a facility review with your local electrician.**
- **Test voltage under load before your unit is delivered.**

Optional Services

- **On-site visit by a Frazer technician to verify facility readiness (quote required).**

If your electrician has questions or you would like a second look at your setup, contact your **Frazer Regional Sales Manager** or reach out to our team at sales@frazerbilt.com. Frazer representatives are available to review photos, diagrams, or specifications.