



**LineGard®**  
*Always on duty*

## 30 AMP & 50 AMP MARINE LEAKAGE CURRENT MEASUREMENT DEVICES



### PRODUCT FEATURES

- Rated for 30A or 50A service
- Groundless Loop for safe & reliable mA electrical leakage reading
- 1 to 1 testing to find source of electrical leakage from a boat
- UL Listed Marine Grade Molded Twist Lock Plug & Connector
- Available with or without Clamp Meter
- Testing Flow chart included

# PRODUCT OVERVIEW

The **LineGard**® 30 Amp & 50 Amp Marine Leakage Testing Systems are ideal for dock operators and registered marina electricians to accurately diagnose the source of hazardous electrical leakage from any boat. It even offers the ability to pinpoint which piece of equipment is causing the problem onboard the boat.

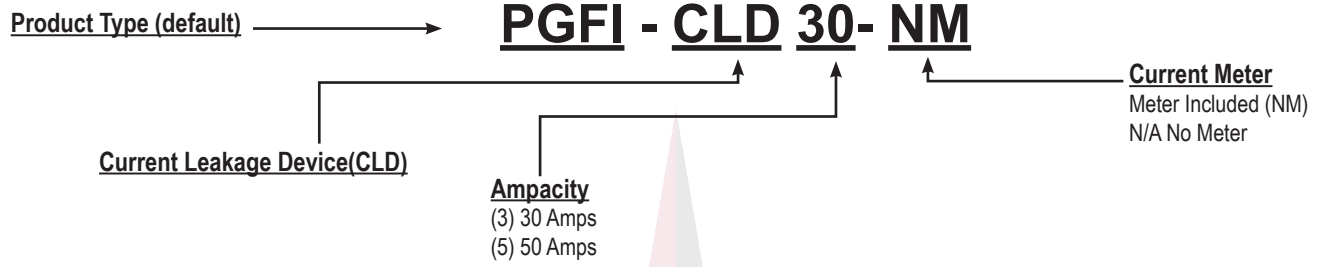
To operate the Marine Leakage Testing System, you need to plug the “From Shorepower” tester cord in the shore power receptacle and attach the “To Boat” tester cord to the boat. Then you need to follow the 7 steps of the testing procedure, which are as follows:

1. Clamp meter around “from shore power” cord.
2. Operate all devices on board.
3. If the meter reads below 30mA, skip steps 4 & 5.
4. If above 30mA, DANGER! There is leakage in the water (Turn off the shore power breakers).
5. If it is still above 30mA (with breakers turned off), neighboring equipment is leaking current. If below 30mA, equipment onboard the boat is leaking current and there is a faulty Ground connection (equipment repair required).
6. Clamp Meter around “Groundless Loop” Wire. If below 30mA, skip step 7 (vessel is safe!).
7. If above 30mA, DANGER! There is electrical leakage returning through the ground wire, turn off on-board breakers to isolate faulty equipment (repair required).

All **LineGard**® Marine Leakage Testing Systems are proudly assembled in the U.S.A in ISO certified facilities.

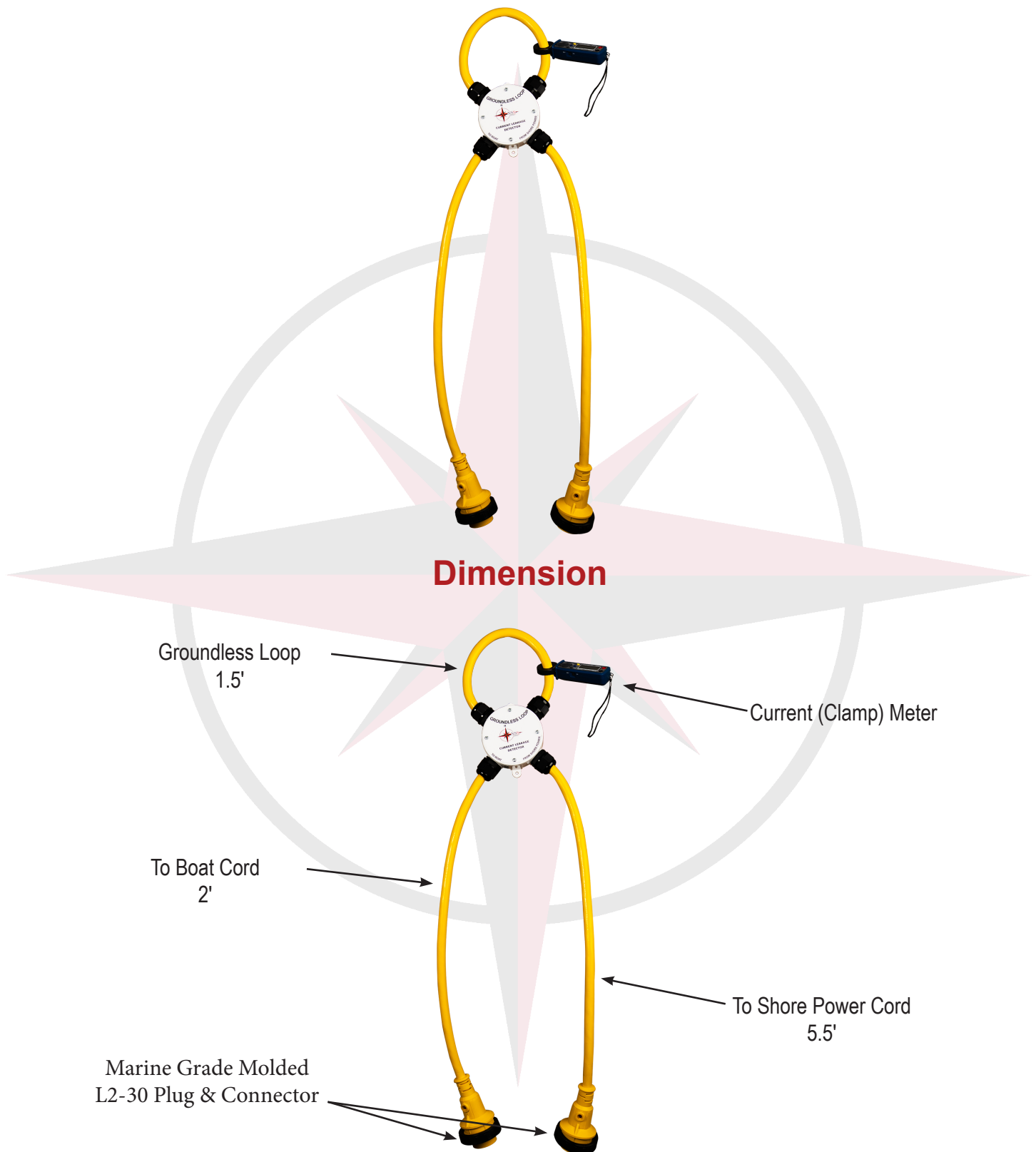


## DECISION TABLE



| Model        | Unit Type | Amp |    | Meter Inclusion |    |
|--------------|-----------|-----|----|-----------------|----|
|              | CLD       | 30  | 50 |                 | NM |
| PGFI-CLD30   | CLD       | 30  |    |                 |    |
| PGFI-CLD50   | CLD       |     | 50 |                 |    |
| PGFI-CLD30NM | CLD       | 30  |    |                 | NM |
| PGFI-CLD50NM | CLD       |     | 50 |                 | NM |

# 30 Amp Marine Current Leakage Testing System



# 50 Amp Marine Current Leakage Testing System

