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We truly understand the fact that electricity is a supply of power. It does play a vital role on boats. You cannot see it, you cannot feel it but you certainly can see it in form of lights and flashes. It indeed is a useful source of power that can be exploited to make various machines to function and providing the power to electrical gadgets. It is the adaptability and expediency of electricity which makes it a versatile resource of power.

Marine electrical systems make a vigorous use of wires and cables to transfer energy where it is generated from to where it is implemented and stored. It is necessary for the wires to be segregated so that the electrical current follows the path chosen by it. This is due to the fact that any leakage in the current from the wire can result in various troubles.

What are the two forms of electricity?

Many people will be aware of the fact that electricity is categorized in two forms which are mentioned below:

1)Direct Current (DC)

2)Alternating Current (AC)

AC is the current which we make use of at our homes.

Why do we use alternating current at home and not direct current?

The answer is simple. AC helps people reap various benefits due to the fact that it has the ability to be passed on over great distances and provides a massive amount of versatility in the higher voltages that is needed in the household environment. However, it offers a disadvantage to those as it cannot be stored in the battery but the fact needs to be realized that it can be supplied by a generator on a repetitive basis.

Furthermore, you donâ€™t have to feel the need for a generator on a boat all time as itâ€™s required only start the engine. You will require a battery so that it can preserve electricity that can be consumed when the need arises.

Battery is one of the most critical equipment of marine electrical. It surely does play a vital role when it comes to operating a boat. However, the misuse of the battery can prove to be perilous if the â€œWarningâ€• is not adhered to. The hydrogen gas in the acid-lead battery is inflammable and the acid can cause a burning sensation in the eyes and skin. When you have handled the battery, you need to make utmost sure that it doesnâ€™t produce sparks. We understand that itâ€™s inevitable but you have to wash the battery the way it should be.

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Pacific Yacht Systems Inc. is a Richmond based company that specializes in a marine electrical systems and also deals with a marine battery chargers. It deals with various boat parts throughout the Lower Mainland.

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