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Booth E 1208

New Marine Solar System Components

Custom Marine Products (CMP) and First Mate Marine are introducing new products to their popular line of marine solar systems. These new products include a new series of semi-rigid high performance marine solar panels, a new dual output MPPT solar controller and a complete line of CMPower LiFePO₄ marine batteries.

Semi-rigid marine solar panels - CMP has just released a new series of semi-rigid **walk on marine solar panels**. Features include:

- A strong aluminum backing and heavy duty ETFE laminate non-skid surface
- Can be walked on without fear of damaging the solar cells
- Will conform to a slightly curved surface (~5 degrees) for easy mounting
- Use premium SunPower Gen III solar cells with an efficiency rating of up to 23.7%
- Considerably lighter than rigid panels but heavier and stiffer than semi-flexible solar panels
- Expected life of 15+ years in the harsh marine environment
- Available in 110, 120, 150 and 175 watt power capacity

Dual output MPPT solar controller – The all new DuoRacer marine series solar controllers are the first MPPT controllers designed with **dual output charging capability**. Features include:

- Charge two dissimilar battery banks simultaneously
- Support Sealed, Gel, Flooded, AGM, LiFePO₄ and Li-NiCoMn battery types
- Solar System can be monitored using a built in meter, a Bluetooth app or laptop computer

CMPower LiFePO₄ marine batteries - The all new CMPower LiFePO₄ (lithium iron phosphate) batteries are a lithium-ion battery technology that is safe, powerful and plug compatible with most lead acid battery charging systems. Advantages include:

- Lighter than lead acid (generally half the weight)
- Can be drawn down 90% vs 50%
- Hold a steady voltage through 95% discharge with a continuous current draw of 150 A
- Plug compatible with most lead acid chargers
- Charge more quickly than lead acid batteries
- Up to 10 times more charge cycles than lead acid and AGM batteries
- Nontoxic and safe, very low fire risk
- Low self-discharge – easy winter storage
- Bluetooth equipped to monitor battery with free App

Custom Marine Products (CMP) is a company focused on developing and distributing superior marine solar systems. Visit us at the First Mate Marine booth number East 1208