

Palladium Technologies Electrical Solutions

Palladium Technologies Electrical Division presents our Titan series of marine electrical systems for the Mega and Super Yacht Industry. These systems are comprised of:

- ▶ Main AC Switchboards
- ▶ Motor Control Center
- ▶ Main DC Switchboards
- ▶ Power Distribution Panels, both AC & DC
- ▶ Emergency Switchboards

Our senior staff is well experienced in designing these systems to meet the rigors of being at sea, and we understand that reliability and ease of use are two of the most important requirements. All of our systems operate with or without automation. Automation allows greater levels of monitoring, through local and remote displays, along with additional control such as, Load Shedding and Load Balancing.



Titan



In addition, all of our systems are scalable to meet the exact needs of our customers and their requirements.

In support of our electrical systems, our Electrical Division offers custom electrical design services for:

- ▶ AC & DC Electrical Load Analysis
- ▶ AC & DC Emergency Power Distribution System Design
- ▶ AC & DC Electrical Simulations
- ▶ System Drawings and Schematics
- ▶ AC & DC Power System Designs

Our electrical services are provided either with or without our electrical marine products. We use sophisticated power management software which provides all of the simulations, analysis, and design verifications to meet all of the classification society's requirements.

This includes, Lloyds, DNV, RINA, ABS, BV, etc.

**With our electrical products and services,
Palladium is truly the "one source"
for your marine electrical needs.**



Palladium Technologies
Electrical Division



Palladium Technologies Electrical Solutions

Features

- ▶ U.S. designed and manufactured
- ▶ Aluminum construction
- ▶ Analog metering
- ▶ Manual controls
- ▶ Copper main buses
- ▶ Single or 3 phase
- ▶ Single or split main bus
- ▶ Distribution circuit breaker up to 630 Amps
- ▶ Automated seamless transfer
- ▶ Interior lighting and controls
- ▶ Full Power Management with our SiMON interface capability
- ▶ Scalable to customer requirements

Benefits

- ▶ One-source shopping
- ▶ User-friendly controls and monitoring
- ▶ Easy to wire for field installations
- ▶ Generator shutdown on alarms
- ▶ Automatic start of a stand-by generator and seamless transfer upon overload or generator failure
- ▶ Generator paralleling
- ▶ Remote control and monitoring of these switchboards from other locations
- ▶ No fuses used within the switchboard
- ▶ Off the shelf hardware, using internationally available components

Hardware

- ▶ Aluminum construction
- ▶ Modular bays for ease of installation
- ▶ Small footprint



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