

# ProMariner™



## ProNauticP Series



### All Digital Electronic Charging...

Industry recognized with the 2010 IBEX Innovation Award, ProNauticP employs our ProMar Digital Performance Charging Platform which combines all digital control and software-based power conversion technology with global energy management features. ProNauticP addresses the trend of incorporating and using more 12-volt electronics on-board today's power, sail, cruising and sport fishing boats. Boasting twelve digitally-controlled performance charging profiles with finger tip selection, ProNauticP fully charges, conditions, maintains and re-conditions batteries while extending battery life and maximizing battery reserve power performance. ProNauticP is Power Factor Corrected with auto-ranging global AC input allowing all models to operate off a standard household power connection. Featuring dual digital displays for real-time display of actual charging voltage and amperage and AC power-on diagnostics with pass or fail status in addition to discreet fault indication for mis-wiring or adverse battery bank conditions. Designed to provide more time on the water enjoying what you like most... boating.

### ProMar Digital Performance Charging

#### ProMar Digital Charging Performance - 12 Selectable Profiles

Up to 12 performance & precision 4-stage charging profiles: Charge, Condition, Maintain and Re-condition. Automatic dockside power mode for 12 Volt DC lighting and appliances. Factory set for Flooded (Lead Acid) batteries. AGM, GEL selectable.

#### Power Factor Correction - Global AC Input

Auto-ranging (100-250VAC/50-60Hz) global AC input with reduced harmonic distortion allowing all models to operate off a household power outlet connection. ProNauticP consumes less power so more AC power is available on board.

#### Distributed On Demand™ Technology

Automatically senses and distributes 100% of available charging amps to any one bank or combination of all banks.

#### Digital Self-Calculating Absorption and Battery Health Re-Conditioning Mode

Automatically programs conditioning time based on discharge state of batteries. Automatically de-sulfates batteries after 21 days in the maintain mode, improving reserve power performance & extending battery life.

#### Conservation Energy Saver Mode

After 72 hours of not seeing a load greater than 5 amps, float voltage will be lowered consuming less energy during storage periods. (for flooded & sealed charge profiles)

#### Service and Fault Mode LED Indicators

Real time indication of wiring faults or adverse conditions that may impact the operation of a boat's charging system.

#### Automatic Fan Speed Control

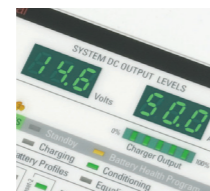
Quiet operation. Innovative front exhaust prevents restriction of air flow and cooling.

#### Automatic Temperature Compensation and Built-in Safety

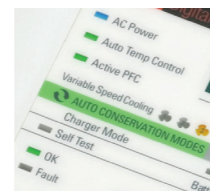
Remote temperature probe included - Ignition protected and current limiting. Designed and constructed to: Marine ULc 1236, CE, CTick and FCC Class B.



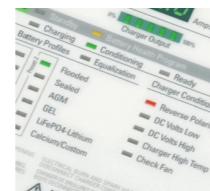
**Global AC Input**  
100-260 VAC 50/60 Hz  
**Power Factor Corrected**



Dual Digital Displays and Power Output Bar



Auto Conservation and Self Test Modes



Battery Type and EZ View Service Indicators



### Available in 12V or 24V models:

ProNautic1210P, ProNautic1215P, ProNautic1220P, ProNautic1230P, ProNautic1240P, ProNautic1250P, ProNautic1260P, ProNautic2420P, ProNautic2430P

### 12 Volt and 24 Volt Digitally Controlled Charge Profiles

Battery Type	12 Volt Models				24 Volt Models			
	Conditioning Voltage	Float Voltage	Conditioning Voltage	Float Voltage	Conditioning Voltage	Float Voltage	Conditioning Voltage	Float Voltage
Flooded	14.8 VDC	13.3 VDC	14.7 VDC	13.5 VDC	29.6 VDC	26.6 VDC	29.4 VDC	27.0 VDC
Sealed	14.4 VDC	13.6 VDC	14.6 VDC*	13.4 VDC*	28.8 VDC	27.2 VDC	29.2 VDC*	26.8 VDC*
AGM	14.4 VDC	13.4 VDC	14.6 VDC	13.7 VDC	28.8 VDC	26.8 VDC	29.2 VDC	27.4 VDC
GEL	14.0 VDC	13.7 VDC	14.4 VDC	13.8 VDC	28.0 VDC	27.4 VDC	28.8 VDC	27.6 VDC
LiFePO4 - Lithium	14.8 VDC	13.6 VDC	14.8 VDC	13.6 VDC	29.6 VDC	27.2 VDC	29.6 VDC	27.2 VDC
Calcium/Prgm Custom	15.1 VDC	13.6 VDC	Pgrm VDC**	Pgrm VDC**	30.2 VDC	27.2 VDC	Pgrm VDC***	Pgrm VDC***
Equalization	15.5 VDC	15.5 VDC	15.5 VDC	15.5 VDC	31.0 VDC	31.0 VDC	31.0 VDC	31.0 VDC

\* Factory setting | \*\*Default = 13.6 VDC | \*\*\*Default = 27.7 VDC



### Accessories: Optional Digital Display and Control Remote

ProNautic P optional remote available for interactive remote port for digital display and control. P/N 63100

### Expand your ProNautic P Digital Charging System with...

## ProIsoCharge Series

### Intelligent Alternator Power Distribution System

Our newest line of ProIsoCharge digitally controlled isolators for on the water charging with zero voltage loss. Installed with our ProNauticP Series battery charger you can enjoy the full benefit of shore power and on the water charging.



model	part no.	volt	amps	banks	AC input voltage	Amperage @ 100 / 240 VAC	cycle	size	weight
ProNautic1210P	63110	12	10 Amp	2 Bank	100-240 Autoranging	< 3.0 / < 1.5	50/60	10.25"(l) x 8.5"(w) x 3.5"(h)	5 lbs
ProNautic1215P	63115	12	15 Amp	3 Bank	100-240 Autoranging	< 4.0 / < 2.0	50/60	10.25"(l) x 8.5"(w) x 3.5"(h)	5 lbs
ProNautic1220P	63120	12	20 Amp	3 Bank	100-240 Autoranging	< 5.0 / < 2.5	50/60	10.25"(l) x 8.5"(w) x 3.5"(h)	5 lbs
ProNautic1230P	63130	12	30 Amp	3 Bank	100-240 Autoranging	< 6.0 / < 3.0	50/60	10.25"(l) x 8.5"(w) x 3.5"(h)	5 lbs
ProNautic1240P	63140	12	40 Amp	3 Bank	100-240 Autoranging	< 7.0 / < 3.5	50/60	10.25"(l) x 8.5"(w) x 3.5"(h)	5 lbs
ProNautic1250P	63150	12	50 Amp	3 Bank	100-240 Autoranging	< 10.0 / < 5.0	50/60	12.25"(l) x 8.5"(w) x 3.5"(h)	7 lbs
ProNautic1260P	63160	12	60 Amp	3 Bank	100-240 Autoranging	< 11.0 / < 5.5	50/60	12.25"(l) x 8.5"(w) x 3.5"(h)	7 lbs
ProNautic2420P	63170	24	20 Amp	3 Bank	100-240 Autoranging	< 7.0 / < 3.5	50/60	10.25"(l) x 8.5"(w) x 3.5"(h)	5 lbs
ProNautic2430P	63180	24	30 Amp	3 Bank	100-240 Autoranging	< 11.0 / < 5.5	50/60	12.25"(l) x 8.5"(w) x 3.5"(h)	7 lbs