

ProMariner™



Heavy Duty Recreational Marine Grade

C.C. MARINE
DISTRIBUTORS INC.



ProSportHD

Increased Power & Performance

Available in Five Models...

CC Order No. 001-44006-1

CC Order No. 001-44008-1

CC Order No. 001-44012-1



6Amp 1 Bank
12V For One 12V Battery



8Amp 2 Bank
12V 12V For Two 12V Batteries



12Amp 2 Bank
12V 12V For Two 12V Batteries



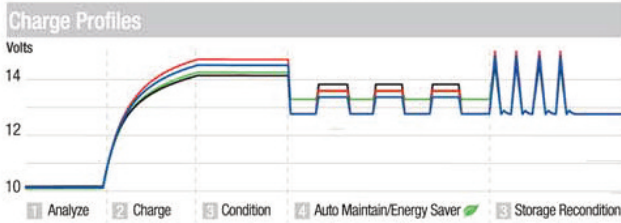
20Amp 2 Bank CC Order No. 001-44020-1
12V 12V For Two 12V Batteries



20Amp 3 Bank CC Order No. 001-44021-1
12V 12V 12V For Three 12V Batteries



5 Stage Performance Charging Overview



- Flooded (Lead Acid) 14.6V DC Conditioning / AutoMaintain 13.4V DC
- AGM and HP AGM* 14.7V DC Conditioning / AutoMaintain 13.6V DC
- Gel 14.1V DC Conditioning / AutoMaintain 13.8V DC
- LiFePO4** 14.2V DC Conditioning / AutoMaintain 13.6V DC

* HP (High Power) AGM with ProSportHD20 Dual only

**Only charge approved LiFePO4 batteries. See manual or promariner.com/Li for approved LiFePO4 batteries and warnings

Conforms to UL STD. 1236 S8
Certified to CE and RCM standards,
CSA STD. C22.2 No. 107.2
FCC Class B, CEC and DOE Listed
Designed and constructed to ABYC A-31



Meets EN60335-1/2-29, EN60335-2-29, EN61000-3-2, EN61000-3-3, EN61000-302-2000-A2-2005

Factory Set for Flooded/Lead-Acid Batteries

Stage 1 - Analyze & System Check OK: During this stage the ProSportHD Mode LED will pulse blue indicating it is analyzing all battery connections and ensuring each battery is capable of being charged. When completed successfully, the "System Check OK" indicator will illuminate green. This takes approximately 1 minute.

Stage 2 - Charge: During this stage the ProSportHD Mode LED will be solid red and the ProSportHD will use all of its available charging amps (as controlled by temperature) until the battery voltage is raised to the selected absorption voltage

Stage 3 - Condition: During this stage the ProSportHD Mode LED will be solid amber. During this mode batteries will be held at the selected absorption voltage to complete charging while conditioning each battery connected for up to 3 hours as needed.

Stage 4 - Auto Maintain (Energy Saver Mode): During this stage the Mode indicator will be solid green, indicating it is monitoring and auto maintaining your batteries as needed to maintain a full state of charge. At this time, the blue Power LED, green System OK and green Mode LEDs will remain on letting you know your batteries are ready when you are.

Stage 5 - Storage Recondition: During this stage the ProSportHD will enter into its once a month Storage Recondition mode. The green Mode LED will pulse indicating that while your batteries / boat are in storage, the ProSportHD is reconditioning all batteries for up to 3 hours once a month to extend battery life and provide maximum reserve power performance on the water.

Part No.	Model	DC System Voltage	Amps	No. Batteries	Cable Length	Size (H x W x D)	Weight	AC Input	AC Plug
44006	ProSportHD6	12	6	12V	6'	7.9" x 7.7" x 2.9"	3.8 lbs	120 VAC +/- 10% 50/60Hz	NEMA 5-15
44008	ProSportHD8	12/24	8	12V 12V	6'	7.9" x 8.9" x 2.9"	5.2 lbs	120 VAC +/- 10% 50/60Hz	NEMA 5-15
44012	ProSportHD 12	12/24	12	12V 12V	6'	7.9" x 10.5" x 2.9"	6.0 lbs	120 VAC +/- 10% 50/60Hz	NEMA 5-15
44020	ProSportHD20	12/24	20	12V 12V	6'	7.9" x 12.8" x 2.9"	7.2 lbs	120 VAC +/- 10% 50/60Hz	NEMA 5-15
44021	ProSportHD 20 Plus	12/24/36	20	12V 12V 12V	6'	7.9" x 12.8" x 2.9"	7.8 lbs	120 VAC +/- 10% 50/60Hz	NEMA 5-15

Note: ■ For use with Group 24 through 31 Flooded (lead-acid), AGM and GEL batteries. Not for use 4D or 8D large capacity batteries. For these applications, see ProMariner's ProNauticP Series

Specifications subject to change without notice



ProTournament *elite series* 3

DISTRIBUTED ON DEMAND™
TECHNOLOGY

For Approved **LiFePO₄**
Lithium-ion Batteries

Flooded Lead, AGM or LiFePO₄** Batteries

Energy Saving

IP67 **Waterproof**

Power Flow Cooling*

Charge Status AC Glow Plug*
Color may vary

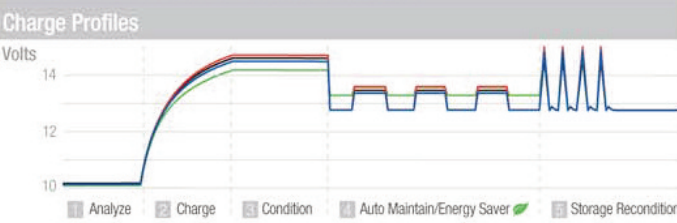
Charging (Red) Conditioning (Orange) Auto Maintain (Green)

Available in Six Models...

<p>CC Order No. 001-53242</p> <p>24Amp 2 Bank 12V 12V For Two 12V Batteries</p> <p>CC Order No. 001-53363</p> <p>36Amp 3 Bank 12V 12V 12V For Three 12V Batteries</p> <p>Power Flow Cooling*</p> <p> TurboCharge* Selectable</p>	<p>CC Order No. 001-53243</p> <p>24Amp 3 Bank 12V 12V 12V For Three 12V Batteries</p> <p>CC Order No. 001-53364</p> <p>36Amp 4 Bank 12V 12V 12V 12V For Four 12V Batteries</p> <p>Power Flow Cooling*</p> <p> TurboCharge* Selectable</p>	<p>CC Order No. 001-53244</p> <p>24Amp 4 Bank 12V 12V 12V 12V For Four 12V Batteries</p> <p>CC Order No. 001-53505</p> <p>50Amp 5 Bank 12V 12V 12V 12V 12V For Five 12V Batteries</p> <p>Power Flow Cooling*</p> <p> TurboCharge* Selectable</p>
--	---	--



5 Stage Performance Charging Overview



Battery Type	Condition	Auto Maintain
• Flooded (Lead Acid)	14.5 VDC	13.4 VDC
• HP AGM 1	14.7 VDC	13.6 VDC
• HP AGM 2	14.6 VDC	13.5 VDC
• LiFePO ₄ **	14.2 VDC	13.6 VDC

**Only charge approved LiFePO₄ batteries. See manual or promariner.com/Li for approved LiFePO₄ batteries and warnings.

Conforms to UL STD. 1236
Certified to CSA STD. C22.2 No. 107.2
FCC Class B, CEC and DOE Listed
Designed and constructed to ABYC A-18

Approved Lithium

Factory Set for Flooded/Lead-Acid Batteries

Stage 1 - Analyze & System Check OK: During this stage the ProTournament^{elite} Analyze LED will pulse blue indicating it is analyzing all battery connections and ensuring each battery is capable of being charged. When completed successfully, the "System Check OK" indicator will illuminate green. This takes approximately 1 minute.

Stage 2 - Charge: During this stage the ProTournament^{elite} Charge LED will be solid red and will use all of its available charging amps (as controlled by temperature) until the battery voltage is raised to the selected absorption voltage.

Stage 3 - Condition: During this stage the ProTournament^{elite} Conditioning LED will be solid amber. During this mode batteries will be held at the selected absorption voltage to complete charging while conditioning each battery connected for up to 3 hours as needed.

Stage 4 - Auto Maintain (Energy Saver Mode): During this stage the Auto Maintain LED will be solid green, indicating it is monitoring and auto maintaining your batteries as needed to maintain a full state of charge. At this time, the blue Power LED, green System OK, green Auto Maintain and green Charge Status LEDs will remain on letting you know your batteries are ready when you are.

Stage 5 - Storage Recondition: During this stage the ProTournament^{elite} will enter into its once a month Storage Recondition mode, illuminating its green LED. The LED will pulse indicating that while your batteries/boat are in storage, the ProTournament^{elite} is reconditioning all batteries for up to 3 hours once a month to extend battery life and provide maximum reserve power performance on the water.

Part No.	Model	DC System Voltage	Amps	No. Batteries	AC & DC Cables	Size (H x W x D)	Weight	VAC / Max Amps	AC Plug
53242	ProTournament240 Two Bank	12/24	24	12V 12V	6'	7.1" x 3.2" x 13.4"	9.0 lbs	120 +/- 10% V AC / 7.5A	NEMA 5-15
53243	ProTournament240 Three Bank	12/24/36	24	12V 12V 12V	6'	7.1" x 3.2" x 13.4"	9.5 lbs	120 +/- 10% V AC / 7.5A	NEMA 5-15
53244	ProTournament240 Four Bank	12/24/36/48	24	12V 12V 12V 12V	6'	7.1" x 3.2" x 13.4"	9.9 lbs	120 +/- 10% V AC / 7.5A	NEMA 5-15
53363	ProTournament360 Three Bank	12/24/36	36	12V 12V 12V	6'	9.3" x 4.2" x 13.7"	15.4 lbs	120 +/- 10% V AC / 10A	NEMA 5-15
53364	ProTournament360 Four Bank	12/24/36/48	36	12V 12V 12V 12V	6'	9.3" x 4.2" x 13.7"	15.8 lbs	120 +/- 10% V AC / 10A	NEMA 5-15
53505	ProTournament500 Five Bank	12/24/36/48 + Eng	50	12V 12V 12V 12V 12V	6'	9.3" x 4.2" x 14.7"	16.9 lbs	120 +/- 10% V AC / 13A	NEMA 5-15

Note: For use with Group 24 through 31 Flooded (lead-acid), AGM and LiFePO₄** approved batteries. Not for use 4D or 8D large capacity batteries. For these applications, see ProMariner's ProNauticP Series

Specifications subject to change without notice

