Dolphin
charger

BATTERY CHARGERS AND ACCESSORIES

NEW

ProLite Series
12V 15A / 12V 25A

LiFePo4 **Silent** **Bluetooth** **IP65** **ISO 8846**

Dolphin Chargers are known as a yacht quality product that is professionally designed and manufactured in Europe with the latest components to be more efficient and reliable than the competition. In 2019 Dolphin set out to create this line of small water resistant chargers with the same philosophy for the outboard and gasoline boat market.

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

- 40% smaller and 50% lighter than most competitors
- Includes 6' AC and DC cables and fusing
- 15 amp 2 outputs / 25 amp 3 outputs
- IP 65 Water Resistant
- ISO certified 8846 for use in gasoline boats
- Works with any battery technology on the market
- Will charge from 0 VDC
- Bluetooth Interface
- Simple installation
- 92% Super Efficient

The NEW PROLITE 12v 15 Amp and 25 Amp chargers are smaller, lighter and more efficient than the competition and boast the latest in connectivity with standard Bluetooth interface. The Dolphin Connect App (iOS and Android) will allow you to monitor and control your charger from your mobile device!

	12V / 15A	12V / 25A
Input		
Input Voltage	115V +/- 10%	115V/230V +/- 10%
Frequency	50/60 Hz +/- 10%	
Cos	> 0.5	> 0.9
Efficiency	> 90%	
Max. Current 115V/230V	4A	4A/2A
Output		
Number of outputs	2	3
Max. Current	15 Amp +/- 5%	25 Amp +/- 5%
Number of charging curves	Open lead acid / Lead calcium / AGM-GEL / LifeSo4 + BMS	
Charging curve	IUUo	
Voltage share	+/- 2%	
Ripple	< 1% (BW < 20MHz)	
Protection		
	Output current limited / Output short circuit / Overload output voltage / Reverse polarity / Over temperature	
General		
Display	Tricolor LED	
Control	Front push-button switch or via Dolphin Connection App	
Operating temperature	14° F to 131° F (automatic derating)	
Storage temperature	- 4° to 158° F	
Humidity	10% to 90%	
IP Rating	IP65	
Ventilation	Natural Convection	
Safety	EN 60335-1, EN 60335-2-29, ISO 8846, SAE J1171, UL 1236	
EMC	EN 55014-1, EN 55014-2	
Housing	Anodized extruded aluminium	
Mounting	Wall-mounted 2 x #8 Screws	
Dimensions	5.59" x 2.83" x 7.65"	5.59" x 2.83" x 9.61"
Weight	3.1 lbs.	3.8 lbs
AC & DC Cord length	6 feet	
AC Connection	3-wire, AWG 19 cable with NEMA 5-15 plug for U.S.	
Battery Connection	Pre-wired 5/16" Ring terminals with AWG 10 cables	Pre-wired 5/16" Ring terminals with AWG 6 cables
Part #	**#99215**	**#99225**

Dolphin
charger

NEW

| LiFePo4 | Silent | Bluetooth | IP55 | AC100-240V | Ignition protected | 4 out |

ProLite 12.40 IP55
12V 40A 4 Out / 115-230Vac Auto

2 Year WARRANTY

12V - 40A - 4 Output

115-230 Vac Auto

Built for reliability, efficiency, and durability in the harshest marine conditions. With 4 independent DC outputs, it safely and efficiently charges multiple battery banks at once, making it the perfect choice for today's demanding boats and yachts.

High Performance
40A charging power across 4 DC outputs.

Prewired Convenience
Equipped with 6' tinned marine-grade cables and integrated fusing for fast, safe installation.

Smart Connectivity
Bluetooth-enabled with the Dolphin Connect App for real-time monitoring and control.

Rugged Marine Design
IP55-rated fanless construction ensures quiet, dust proof, and splash-resistant operation—perfect for harsh marine environments.

Versatile & Efficient
Compatible with AGM, Gel, Lithium, and Lead-Acid batteries.

Compact & Lightweight
Space-saving design without compromising durability or power.

Trusted worldwide, the Dolphin ProLite is the ultimate marine charger keeping your batteries fully charged, protected, and ready for every adventure on the water.

12V / 40A

Input	
Input Voltage	115/230V (+/-10%)
Frequency	50/60 Hz (+/-10%)
Cos	>0.9
Efficiency	>91%
Max. Current 115V/230V	8A / 4A
Fuse	T10A

Output	
Number of Outputs	4 Isolated
Battery Capacity	400 Ah - 800 Ah
# of charging curves	Open lead acid / Lead calcium / AGM-GEL / Lithium LifeSo4 +BMS
Charging curve	3 stages I.Uo.U
Lead Acid (Boost - Float)	14,4V - 13,4V (+/- 2%)
Gel AGM (Boost - Float)	14,5V - 13,6V (+/- 2%)
Lead Calcium (Boost - Float)	14,9V - 13,8V (+/- 2%)
Lithium LFP (Boost - Float)	14,4V - 13,8V (+/- 2%)
Max. Current	40 Amp (+/-5%)
Ripple	<1% (BW< 20MHz)
Fuse -DC	2 x F30A
Fuse +DC	4 x F50A (Maxi Blade fuse)

Protection	
AC Input	Under voltage
DC Output	Output short circuit / Overload output voltage / Reverse polarity / Over temp

General	
Display	Tri-color LED display
Control	Front Push Button
Operating temperature	14°F to 150°F
Storage temperature	-4°F to 150°F
Humidity	10% to 90% (without condensation)
IP	IP55
ISO 8846 Ignition Protection	Yes
Ventilation	Natural convection
Safety	EN 60335-1, EN 60335-2-29
EMC	EN 55014-1, EN55014-2
Housing	White Polycarbonate
Mounting	Vertical mounting 4 x 1/4" screw
Dimensions W x H x D	10.9" x 7.9" x 4"
Weight	10.8 lbs
AC Connection	16 AWG - 6'
DC Connection	8 AWG - 6'
CAN Bus	No
Connector CAN	No
"Dolphin Connect" App via Bluetooth	Yes
Part #	#99240

Dolphin
premium

12V-40A
24V-20A

12V-60A
24V-30A

PLUG
AND PLAY
BATTERY CHARGER

4 Year WARRANTY · IP20 · CE

Premium Series
12V 20A / 12V 30A
12V 40A / 12V 60A

CAN BUS¹ · **P21** · **Connector** · **LiFePo4** · **AC100-240V** · **ISO 8846 ***

- ■ New robust and compact casing
- ■ 3 Completely isolated battery outputs
- ■ Easy wiring and connections thanks to the Winsta (Wago) and Phoenix contact connectors
- ■ Digital management with up to date microcontroller
- ■ 4 charging programs including one for lithium-ion-iron-phosphate with integrated BMS
- ■ Full power at temperatures up to 120° F
- ■ Automatic weekly equalisation for all charging programs
- ■ Automatic 115/230V switchover
- ■ Night mode: silent - without fan (12V-40A & 24V-20A only)
- ■ Touchview Controller connection (12V-60A, 24V-30A only)
- ■ Conformal coating of PCB to prolong the life of the battery charger

	12V / 40A	12V / 60A	12V / 20A	12V / 30A
Input				
Input Voltage	115V/230V (+/-15%) Automatic Switch over			
Frequency	50Hz/60Hz (+/-10%)			
Cos	0.9			
Efficiency	80%			
Max. Current 115V/230V	7A/3.5A	10A/5A	7A/3.5A	10A/5A
Fuse	T10A 250V	T16A 250V	T10A 250V	T16A 250V
Output				
Number of outputs	3 isolated outputs			
Number of charging curves	4 programs, position selected by dip switch			
Charging curve	IUUo + weekly automatic equalization	IUUo	IUUo + weekly automatic equalization	IUUo
Weekly equalization	Automatic	N/A	Automatic	N/A
Voltage share	+/-2%			
Ripple	< 1% pp (BW < 20MHz)			
Fuse (automotive mini)	2 x F25A 32V	3 x F25A 32V	2 x F15A 32V	3 x F15A 32V
Protection				
	In case of output overload, Excessive internal temperature Charging voltage too high, Reverse battery polarity (fuse)			
General				
Display	Tricolor LED			
Night/Silent mode	By button	N/A	By button	N/A
Operating temperature	14° F to 122° F			
Storage temperature	- 4° to 158° F			
Humidity	10% to 90% (without condensation)			
Ventilation	Forced fan cooling			
Safety	EN 60335-2-29 (2002)			
Housing	Powder coated aluminum			
Mounting	2 x #10 Screws	4 x #10 Screws	2 x #10 Screws	4 x #10 Screws
Dimensions	4-3/4" W x 13-7/8" H x 3-3/4" D	10-3/4" W x 9-1/2" H x 4-1/4" D	4-3/4" W x 13-7/8" H x 3-3/4" D	10-3/4" W x 9-1/2" H x 4-1/4" D
Weight	4-1/4 lbs.	6-1/2 lbs.	4-1/4 lbs.	6-1/2 lbs.
AC Connection	20A 230V, 14 AWG max WINSTA - WAGO 770.813/G11-000			
DC Connection	10 AWG max	4 AWG max	10 AWG max	4 AWG max
CAN BUS	No	Yes	No	Yes
Part #	**#99030**	**#99050**	**#99040**	**#99041**

Pro Evo3 Series
12V 90A / 24V 40A
24V 60A / 24V 100A

NMEA 2000 **LiFePo4** **4 out** **AC100-240V** **ISO 8846 ***

Scandvik is proud to introduce the Dolphin PRO Evo3. This new range of Marine Battery Chargers is the result of the latest technological advancements in the world of power electronics. By comparison to the Dolphin Pro Chargers, an additional DC output has been added while reducing the overall dimensions by 16% (12v/90a, 24v/40a, 24v/60a) and 30% (24v/100a). Not only are they more compact but also 30-60% lighter (9 lbs.) offering the highest power to space ratio on the market!

With 4 independent isolated DC outputs and NMEA 2000 communication the Pro Evo3 meets the demands of today's leading boat builders and modern electrical systems.

Ultra-compact and lightweight
Thanks to the new electronics this new generation of product is 30 to 60% lighter than the previous one. The weight of the 24 volt 100 amp unit is just under 9 Lbs.

4 Independent isolated outputs
All PRO EVO3 offer 4 independent isolated DC outputs. It allows to simplify the charging system consists of several battery banks.

NMEA 2000
NMEA 2000 plug & play communication skills. All PRO EVO3 chargers feature CAN communication port including certified N2K port with latest PGEN.

High-Efficiency DSP technology
PRO EVO3 Chargers deliver full power even at very high temperatures (up to 50°C/122°F). This "no derating" feature is quite unique on the market.

Selectable Battery Chemistries
8 Selectable charging profiles including Lead Acid, Gel, AMG, Lithium-Ion batteries with temperature compensation.

Ignition Protected
PRO EVO3 12.90 is now ISO 8846 and SAE J1171 certified

	12V / 90A	24V / 40A	24V / 60A	24V / 100A
Input				
Input voltage	115/230V(+/-15%)			230V(+/-15%)
Frequency	50/60 Hz			
Power factor Cos j	>0.95			
Efficiency	92%			
Max. Consumption	1450 VA	1300 VA	1950 VA	3200 VA
Derating @ 115V	No	No	1300 VA	No
Fuse (Glass type 6.3x32mm)	T20A			
Output				
Number of output	4 isolated (full power)			
Charging profiles	Open lead acid / Sealed lead acid / Lead calcium / Spiral cell AGM / Winterizing / Odyssey Marine / GEL / Power Supply / LiFePO4#1 + BMS / LiFePO4#2 + BMS			
Charge profile selection	Rotary switch 10 positions			
Charging algorithm	I.U.o.U.			
Temperature compensation	+/-2.5mV/°C (Ext temp sensor supplied)			
Max. Amp (+/-5%)	12V-90A	24V-40A	24V-60A	24V-100A
Battery capacity	350 ÷ 900 Ah	200 ÷ 400 Ah	250 ÷ 600 Ah	400 ÷ 1000 Ah
Fuse (auto mini)	5F25A	3F25A	3F25A	5F25A
Protections				
Auto restart when alarm disappears (output, short circuit, output voltage, internal over temp)	Output current limited / Output short circuit / Overload output voltage / Reverse polarity / Over temperature			
General				
Display	LED Panel (State of charge , Power, Alarms)			
Operating temperature	14°F to 131°F (Full power till 122°F)			
Storage temperature	68°F to 158°F			
Humidity	10% to 95% (without condensation)			
Convection	Force fan adjustable speed cooling			
Mounting	Wall mounted 4 x #8 screws			
On/Off Operation	Front Push button or dry contact NO (terminal block 2 pin 1mm²)			
Input alarm	Dry contact NO (terminal block 2 pin 1mm²)			
Output alarm contact	x2 0.5A 30V NO (terminal block 2 pin 1mm²)			
Battery temperature sensor	External sensor (terminal block 2 pin 1mm²)			
CAN bus connection	x2 Micro-Fit 3.0			
Communication standard	Navicolor by Scheiber, **NMEA 2000**			
Standards				
Safety	EN60335-1 / EN 60335-2-29			
Mechanical & Environmental	IEC 60068-2-30/1/52 (climatic, salt spray)			
EMC	EMC 2014/30/EU Directive			
Ignition Protection	SAE J1171/ISO 8846	No		
Enclosure				
Material and color	ABS (thermoplastic polymer)			
Dimensions H x W x D (inches)	11.2 x 14.2 x 4.8 inch			
Weight (lbs)	9 lbs			
Enclosure class	IP22			
AC Connection	WAGO WINSTA Type 770-813 connector			
DC Terminal	4M8 Terminals			
Part #	#99454	#99474	#99464	#99484

Dolphin pro

TOUGH ENVIRONMENT DNV-GL* TYPE APPROVED

CAN BUS **LiFePo4** **AC100-240V**

4 Year WARRANTY

Pro Chargers with integrated Touchview

Pro Series
12V 90A / 24V 60A / 24V 100A

- Can operate up to 149° F without D rating
- Internal diode isolator without voltage drop
- User friendly design: a solid casing in aluminum, mounting by 4 easily accessible screws
- A front cover allowing easy access to the charge selector and wiring connections (4 solid 5/16" terminals for the battery outputs)
- A cable gland for the input cable and a cable grommet with a waterproof seal
- Integrated Control Panel: LED display indicating the charging curve (boost, absorption, float), as well as anomalies and faults (temperature voltage, fuses..)
- Automatic switch over: equipped with 3 isolated outputs, automatic switch over 115V/230V, 50Hz/60Hz
- 9 charging programs (including 2 winterizing and 1 power supply) depending on battery type, makes this charger suitable for all charging needs
- Optional extras: external Touchview control panel and a battery temperature sensor (included) allowing a charging level adjustment
- Conformal coating of PCB to prolong the life of the battery charger
- Using built-in CAN BUS J1939 interface, the Dolphin Pro can be connected to any monitoring system

	12V / 90A	24V / 60A HD+	24V / 100A HD+
Input			
Input Voltage	115V/230V (+/-15%) Automatic Switch over		230V (+/-15%)
Frequency	50Hz/60Hz (+/-10%)		
Cos	> 0.9 typ		
Efficiency	83%	87%	
Max. Current 115V/230V	16A/7A	15A/9A	17A
Fuse	T20A		2 x T20A
Output			
Number of outputs	3 isolated outputs		
Number of Charging curves	Open lead acid / Sealed lead acid / Lead calcium / Delphi Batteries / Spiral cell AGM / Winterizing lead acid / Winterizing GEL & AGM / Power Supply / LifeSo4 + BMS		
Charging curve	IUUo		
Voltage share	+/-2%		
Ripple	< 1% (BW < 20MHz)		
Fuse (automotive mini)	4F30A	3F25A	5F25A
Protection			
	Output current limited / Output short circuit / Overload output voltage / Reverse polarity / Over temperature		
General			
Display	LED display or optional multi-color Touchview Controller		
Operating temperature	14° F to 122° F		
Storage temperature	- 4° to 158° F		
Humidity	10% to 95% (without condensation)		
IP	IP22		
Ventilation	Forced fan adjustable speed cooling		
Safety	EN 60335-1		
Housing	Powder coated aluminum		
Mounting	Wall mounted 4 x #8 Screws		
Dimensions	13-7/16"W x 14-1/4" H x 5" D		13-7/16" W x 14-1/4" H x 7-1/2" D
Weight	13-1/4 lbs.		25-1/4 lbs.
AC Connection	3-pin cage terminal 10 AWG max		
DC Terminal	4 x 5/16" Terminal Bolts		
Output Alarm Contact	1A 30V NO		
Optional Connections			
Battery Temperature Sensor	2-pin cage terminal 14 AWG		
External Touchview control panel	RJ9 handset connector		
CAN BUS	2 Micro-Fit & RJ9		
Part #	#99501 *	#99503**	#99504**

IP Rated for Engine Rooms
*** DNV-GL Certified*

Dolphin
booster

- Dolphin Booster is a DC to DC intelligent 30 amp battery charger
- Product range: 12 volt or 24 volt input with 24 volts output
- Typical application: charge an auxiliary battery bank from any 12V or 24V source
- The smart DOLPHIN DC/DC BOOSTER provides 4 stage charging program as well as automatic protection against battery source drainage
- Advance and unique 4 charging programs can be selected based on battery type (lead acid, gel, agm or LiFeSo4)
- Conformal coating of PCB to prolong the life of the battery charger

LifePo4   CAN BUS

	12V / 24V 30A	12V / 36V 20A	24V / 24V 30A	24V / 48V 15A
Input				
Input Voltage	10V to 16V		20V to 32V	
Max. Current	70A		35A	
Efficiency	90%			
Input Fuse	x4 F30A		x4 F15A	
Output				
Number of Outputs	1			
Battery Voltage	24V	36V	24V	48V
Voltage Program	26V to 30V +/-1%	39V to 45V +/-1%	26V to 30V+/-1%	53V to 60V +/-1%
Charging Profile	4 different IUoU cycles, Lead Acid, AGM, GEL, Litium LiFePO4 with BMS			
Max. Output Current	30A	20A	30A	15A
Output Fuse	x2 F25A	x2 F15A	x2 F25A	x2 F10A
Protection				
Input under and overvoltage	Electronic (automatic restart)			
Output under and overvoltage	Electronic (automatic restart)			
Short-circuit on output	Electronic (automatic restart)			
Overheating	Electronic (automatic restart)			
Reverse Polarity	Fuses			
General				
Display	Front Tricolor LED			
Operating temperature	-10°C to +55°C / 14° F to 130° F			
Storage temperature	-20°C to +70°C / - 4° to 158° F			
Humidity	10% to 90%			
Saftey	ISO13297			
Convection	Thermostated vario speed fan			
IP Rating	IP22			
Dimensions	250 X 150 X 80mm / 9-7/8" W x 6" H x 3-1/8" D			
Weight	1,8Kg / 4-1/2 lbs.			
Input Connection	M8 bolts / 5/16" Terminal Bolts			
Battery Connection	M8 bolts / 5/16" Terminal Bolts			
CAN Connection	x2 Molex Micro-Fit			
Part #	99201	99204	99202	99203

TOUCHVIEW
Control Panel

- External touch screen control panel for Dolphin chargers
- Can Bus connection
- Supervise your battery charger and battery banks
- Displays temperature, error messages, charging current, charge curve selected, charging phase (boost, absorption, float), power max delivered

12V / 24V

General Information	
Screen Size	2.4" diagonal
LED Type	a-Si TFT
Color Configuration	RGB vertical stripe
Backlight	White LED
Interface	16-bit interface for i80 system
Conformity	ROHS
Diameter overall	3-5/8"
Waterproof Rating	IP65 (front panel only)
Cutout and depth	2-7/8" Diameter x 1" Deep
Part #	**99520**

99526 9' Cable supplied with Touchview.
99527 Custom Length Cable with RJ9 connectors sold by the foot. Maximum Length 65'.

BATVIEW
Battery Monitor

- Read your battery bank like a fuel gauge
- Provides critical information about the status of your battery bank
- Displays voltage, current, consumed amphours and remaining battery capacity
- Secondary battery bank voltage monitoring
- Auto sensing battery voltage inputs
- Large backlit LCD display
- Quick nut mounting construction
- Programmable alarm relay
- Shunt selection capability enables flexible system integration
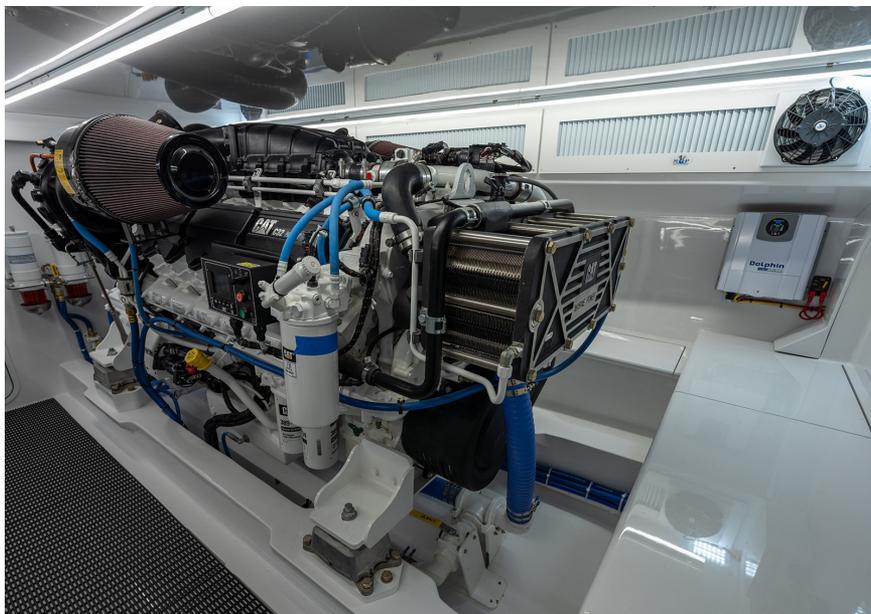- Splash proof front panel
- 500 amp shunt included

12V / 24V

General Information	
Main Battery Functions	Volts, Amps, Amphours, State of charge, Low battery alarm
Auxiliary Battery Functions	Volts
Display	Multi-fuction LCD
Supply Voltage Range	9 to 35 VDC (± 0.1V)
Supply Current*	9mA @ 12 VDC 7mA @ 24 VDC
Input Voltage Range Main Battery Auxiliary Battery	0 to 35 VDC (± 0.3%) 2 to 35 VDC (± 0.3%)
Input Current Range**	-999 to +999A (± 0.4%)
Battery Capacity Range	20 to 999Ah
State-of-Charge	± 1%
Operating Temperature	-4 to 122°F
Mounting Hole	2-1/16" to 2-1/8" dia. (52 - 54mm)
Monitor Dimensions	Front Panel Ø 2-1/2" (64mm) Body Ø 2" x 3-1/8" Total Depth
Shunt Dimensions	Footprint 1-3/4" x 3-1/2" (45 x 87mm) Base Height 1/2" (17mm) Overall Height 1-1/4" (35mm)
Waterproof Rating	IP65 (front panel only)
Monitor Weight	1/4 lb (95 g)
*Measurement with backlight and alarm relay turned off. **Depends on selected shunt. With standard 500A / 50mV shunt (350A continuous), the range is limited from -600 to +600A)	
Part #	**99031**

Dolphin
charger

**FOR MORE INFORMATION
VISIT OUR NEW WEBSITE**
www.dolphin-charger.com
www.scandvik.com
Ph. 800-535-6009

SCANDVIK
Quality is Our Tradition