



Dolphin® charger



NEW

PROLITE Series

12V15A and 12V25A

You always wanted a smart, silent, compact and waterproof marine battery charger for your pleasure craft. Here is the most complete on the market : in 2019 (Q4), Dolphin Charger introduces PROLITE, a brand-new series of supercompact, fan-less, water-resistant (IP65) and ignition-protected (ISO 8846) Bluetooth power units, featuring the brand new Dolphin Connect App.

12V

IP65



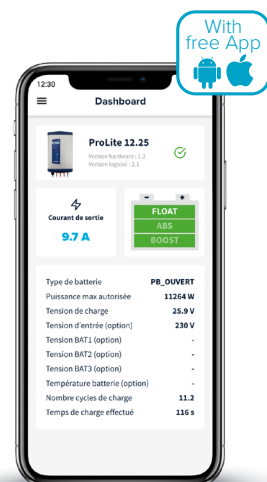
15A → 25A

ISO 8846



Technical specifications

12V15A (115V, 50/60Hz) 2 outputs
12V15A (230V, 50/60Hz) 2 outputs
12V25A (115/230V, 50/60Hz) 3 outputs



Including the new Dolphin Connect App

Now you can monitor your charger's performance on your smartphone.

PROLITE Series

The best charger for sailboats, center console boats, sport fishing boats and other outboard engine pleasure craft

Power range: from 15A to 25A

IP65 water-resistant

Protected against ignition of flammable gases (ISO 8846 certified by US Laboratory IMANNA) for use in combination with outboard gasoline engines

Totally dust-tight

40% smaller and 50% lighter than most competitors

100% silent : PROLITE is a fan-less charger which makes it perfectly silent and therefore perfect for mounting anywhere into small (living) spaces

Smart: PROLITE chargers come with the brand-new Dolphin Connect App (iOS and Android) and with **Bluetooth** interface as standard equipment

Super-efficient: 92% of the power which comes in is converted and comes out (without heat) through 2 outputs (15A version) or 3 outputs (25A)

PROLITE works with any battery technology on the market including Lithium Ion

2-year-warranty

12V/15A		12V/15A		12V/25A			
Input							
Input voltage		115V (+/-10%)		230V (+/-10%)		115/230V (+/-10%)	
Frequency		50/60 hz (+/-10%)					
Cos		> 0,5			> 0,9		
Efficiency		> 90%					
Max. Current 115V/230V		4A		2A		4A/2A	
Output							
Number of output		2			3		
Number of charging curves		Open lead acid / Lead calcium / AGM-GEL / LifeSo4 + BMS					
Charging curve		3 stages I.Uo.U					
Voltage share		+/-2%					
Max. Current		15 Amp (+/-5%)			25 Amp (+/-5%)		
Ripple		< 1% (BW < 20MHz)					
Protections							
		Output current limited / Output short circuit / Overload output voltage / Reverse polarity / Over temperature					
Generalities							
Display		Tri-colour LED display					
Control		Front push-button switch or via Dolphin Connect App					
Operating t°		-10°C to +55°C (automatic derating)					
Storage t°		-20°C to +70°C					
Humidity		10% to 90%					
IP Rating		IP65					
Ventilation		Natural convection					
Safety		EN 60335-1, EN 60335-2-29, ISO 8846, SAEJ1171, UL1236					
EMC		EN 55014-1, EN55014-2					
Housing		Anodized extruded aluminium					
Mounting		Wall-mounted 2 x M4 Screws					
Dimensions		142 x 72 x 194mm 5,59 x 2,83 x 7,64"			142 x 72 x 244mm 5,59 x 2,83 x 9,61"		
Weight		1,4 Kg / 3.1 lbs			1,7 Kg / 3.8 lbs		
AC & DC Cord length		1.8 meter / 6 feet					
AC Connection		3-wire 0,75mm² stripped cable					
DC Terminal		Pre-wired M8 Ring Terminals					
Part Number		399715		399710		399720	