

Dolphin

charger

NEW DOLPHIN PRO 24.150



The DOLPHIN PRO battery charger is dedicated for tough environment applications, commercial, and marine fields. Evolution of DOPHIN 2 series with 16 years of experience and more than 100 000 units installed worldwide the DOLPHIN PRO is more compact, more efficient and more technologically advanced than his predecessor.

Perfect evolution of DOLPHIN 2 series battery charger the DOLPHIN PRO series use low-loss built-in blocking diode for a better efficiency and high temperature components providing full power up-to 50 Celsius degree.

A new innovative ergonomic casing made with high grade aluminum material. Easy mounting with 4 screws only and front access for user.

Features

The new DOLPHIN PRO battery chargers have new exclusive feature. Display with AMP/VOLT of battery charger, charging mode (floating, absorption, boost) and alarms (temperature, fuse, battery)

Using built-in CAN BUS J1939 interface the DOLPHIN PRO can be connected to any monitoring system without any external device. Built-in alarm relay is included for remote alarm systems.

9 charging programs for all type of battery (lead acid, agm, gel, LiFeO4...) winterizing battery programs and power supply mode First HMI innovative TOUCH SCREEN 85mm diameter panel

Application :

Onboard charging systems for Multi purpose offshore vessel, LCS (littoral combat ship), IPV (inshore patrol vessel), OPV (offshore patrol vessel), OCV (offshore constuction vessel), PSV (platform supply vessel), Fast crew supplier, Pilot vessel, Tug, Workboat, deep water anchor handler, water taxi, water bus, Fast ferries, Fishing vessels, megayachts...

Why DOLPHIN PRO?

- Over 15 years experience designing and producing smart battery charger for trouble free application
- Unique high temperature specification without derating
- Triple outputs with no-loss built-in blocking diode
- Unique can bus interface with innovative touch-screen remote panel
- Possibility to parallel operation system using CAN BUS interface up to 10 units
- High quality standard with individual test under TUV Rheinland certification
- 3 years warranty

150 AMP	
INPUT	
Voltage (+/-15%)	230 Vac 1 Phase / 400 Vac 3 Phase + Neutral
Frequency	50/60 Hz (+/- 15%)
Max consumption	25 Amp / 9 Amp
Power Factor	0.9 typ
Efficiency	85%
Fuses	3x15 Amp slow (6.3x32mm glass type)
OUTPUT	
Number	3 isolated (no loss splitter)
Max current	150 Amp adjustable from Touch Display (105 Amp / 75 Amp / 45 Amp)
Temperature compensation	Yes with external Temp Sensor +/- 25Mv / °C
Fuses	200 Amp (On Negative Leg)
Floating and Boost Voltage	Based on charging program selected (Lead acid, Lead/Calcium, Calcium/Calcium maintenance free/ AGM Spiral cell/ Gell/AGM/Winterizing/Power supply
Voltage tolerance	+/- 2%
Protections	Over and under voltage / Overload and short circuit / Over internal and battery temperature / Reverse polarity
Communication	CANBUS J1939 open
Display	Touch panel 2.5"
Alarm relay	Free contact output 10 Amp
Technical specifications	
Operating temperature	-10 ° C to +55° C
Storage temperature	-20 ° C to +70° C
Max humidity	90%
Cooling	Variospeed thermostated fans
Enclosure	IP22
Dimensions (mm)	356 Width x 407 Height x 243 Depth
Weight	19 kg

Standards	
EMC	EN 55016-2-1, EN 55016-2-1/A1, CISPR 16-2-1, EN 55016-2-3
	IEC 61000-4-3 + A1 + A2
	IEC 61000-4-2, IEC 61000-4-6, IEC 61000-4-5, IEC 61000-4-4
Environment	IEC 60068-2-30 & IEC 60068-2-1
	IEC 60068-2-52 salt spray
Mechanical	IEC 60068-2-6 & IEC 60068-2-64 Vibrations
	IEC 60529 IP
Safety	EN 60335-1
Part Number	399186 / 399187