

# Dolphin

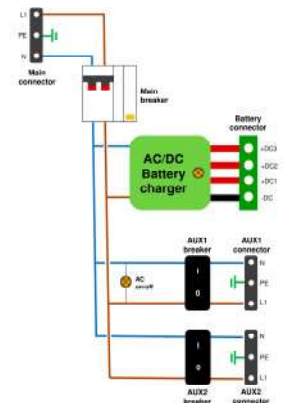
all-in-one



## ALL-IN-ONE AC DISTRIBUTION SYSTEM & BATTERY CHARGER



- Cost effective All in One concept
- Includes AC protection, two 10 amps AC circuit breakers and a smart 12 volts DOLPHIN PREMIUM battery charger
- Ensures AC safety : RCD (Residual Current Circuit Breaker), Double Pole Main Breaker and 2 x single pole breakers
- The internal charger is similar to either the 25 or 40A DOLPHIN PREMIUM unit
- DC and AC connectors have been carefully designed to meet the highest quality and safety standard
- Conformal coating of PCB to prolong the life of the battery charger



	12V	24V
	25A	40A
<b>Main power characteristics</b>		
Voltage	230V +/- 10% 230V +/- 10%	
Frequency	50 - 60Hz +/- 10%	
Charger consumption	2,5A	4,0A
Auxiliaries consumption	Max. 10A total for both outputs	
Display	LED on front panel (yellow)	
Differential circuit breaker	16A 30mA	
Charger fuse	T6,3AT10A	
Display	On/Off LED on front panel (yellow)	
<b>Battery charger characteristics</b>		
Voltage	85V - 265V	
Frequency	50 - 60Hz +/- 10%	
Number of outputs	3 isolated outputs	
Charging programs	Total 8	
Charge selector	Toggle switch inside case	
Voltage tolerance	+/- 2%	
Ripple	< 1%	
Max. current	25A +/- 5%	40A +/- 5%
DC fuse	F30A	2x F30A
Protection	By fuse, in the event of internal overheating, abnormal output voltage, output short-circuit or reverse polarity	
Display	3-colour LED on front panel Yellow : Boost mode / Green : Float mode / Red : Fault	
<b>AC auxiliary output characteristics</b>		
Number of outputs	2	
Voltage	Same as mains power voltage	
Frequency	Same as mains power frequency	
Max. current	10A	
Protection	10A magnetic thermal circuit breaker	
<b>General</b>		
Operating T°	-10°C to +55°C	
Storage T°	-20°C to +70°C	
Relative humidity	Max. 90% (without condensation)	
Cooling	Forced (thermostat-controlled fan)	
Standards	EN61000-6-1, EN61000-6-3, EN60335	
Case	Wall-mounted in painted aluminium alloy	
Mounting	By 3 screws (diameter 4 mm)	
Dimensions (mm)	395 x 188 x 103 mm	
Weight	< 3 kg	
Mains power connector	Type WINSTA (WAGO), 3 x 2,5 mm <sup>2</sup>	
AC output connector	Type WINSTA (WAGO), 3 x 2,5 mm <sup>2</sup>	
Battery connector	Type PC6/4 (Phoenix Contact), 4x16 mm <sup>2</sup>	
Code	399121	399123