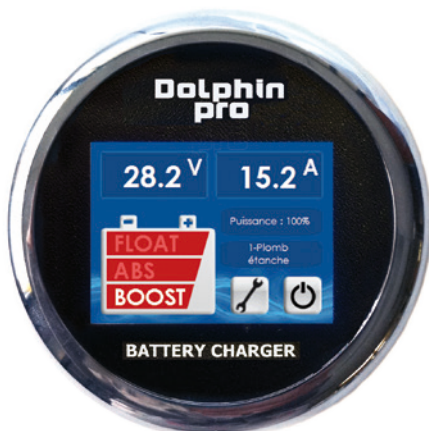


OPERATING AND USERS MANUAL

EN

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TOUCH VIEW

Battery charger
controller

Accessory for
DOLPHIN Pro charger

Dolphin

charger

CONTENTS of the BOX

TOUCHVIEW-04

ON RECEIPT OF THE PRODUCT

Contents of the packaging

Please check the contents of the package when opening:



- ▶ TouchView box with colour touch screen



- ▶ Chrome bezel



- ▶ Connection cable (3 m)



- ▶ Bag of fixing screws

- ▶ User manual

GENERAL CHARACTERISTICS

TouchView is an accessory used to supervise and control the DOLPHIN PRO range of 12V and 24V chargers.

TouchView is simple to connect; it is supplied directly from the charger.

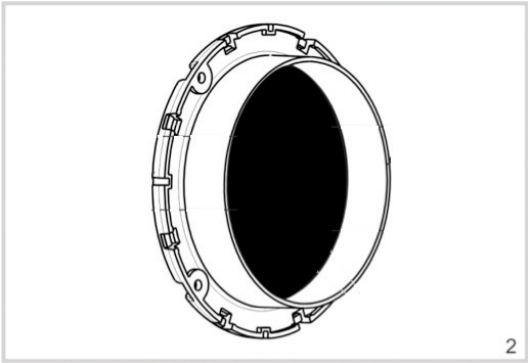
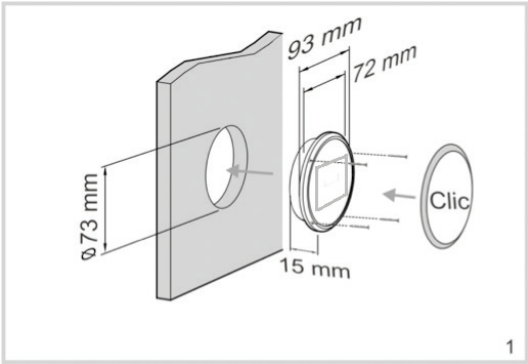
TouchView may be used remotely (in the cab for example), to view the charging status from a distance.

TouchView has a non-volatile memory allowing configuration settings to be stored, even when there is no power, when it is reactivated.

Its intuitive navigation allows the user to become familiar with it very quickly.

TOUCHVIEW-04

QUICK INSTALLATION GUIDE



GENERAL CHARACTERISTICS

TOUCHVIEW-04

Clipping on the bezel

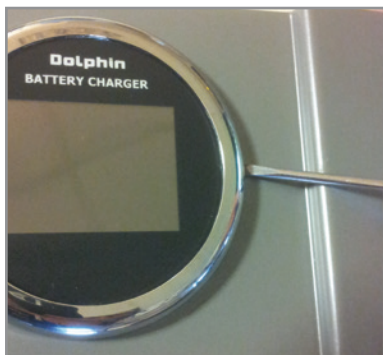
Position the bezel

Press firmly



Unclipping the bezel

Use a tool (screwdriver) as a lever



Do not push against the screen



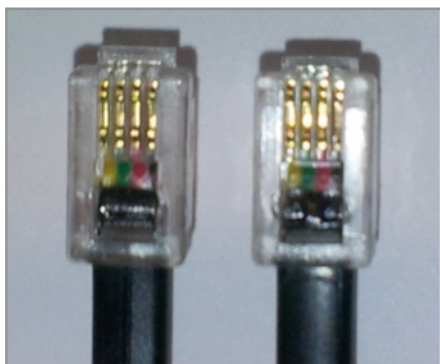
TOUCHVIEW-04

TERMINAL CONNECTIONS

Wiring	No
Supply + (8 to 16V)	1
CAN H	2
CAN L	3
0V	4

Connection cable between the charger and TouchView:

Wiring	
Yellow	Supply +
Green	CAN H
Red	CAN L
Black	0V



PRECAUTIONS TO TAKE WHEN INSTALLING

Any connection error could result in irreversible damage to the equipment.

You should, therefore, give this aspect particular attention.

TECHNICAL SPECIFICATIONS

TOUCHVIEW-04

Technical specifications

POWER SUPPLY	
Supply voltage	12V dc (8 to 16V)
Consumption	150 mA approx. at maximum brightness and 50mA with the screen turned off
DISPLAY	
Type of display	2.4 inch TFT screen with 320x240 pixel resolution and adjustable backlight
Parameter selection	Touch screen
SCREEN PARAMETERS	
Languages	Choice of five languages English, French, Italian, Spanish, German
Screen background	Configurable: three available colours
Screen brightness	Adjustable
CHARGER PARAMETERS DISPLAY	
Input voltage	Measurement accuracy $\pm 2\%$
Input voltage frequency	± 1 Hz
Charger output voltage	Measurement accuracy $\pm 1\%$
Charger current	Measurement accuracy $\pm 1\%$
Charging phases	Boost, Abs, Float
Current cycle charging time	Hours: Minutes
Selected charging cycle type	10 different types
Battery temperature	-10°C to +100°C (measurement accuracy $\pm 2\%$)
Charger temperature	-10°C to +100°C (measurement accuracy $\pm 2\%$)
CONFIGURATION PARAMETERS	
Charger maximum power	Four levels: 30%, 50%, 70%, 100%
Relay output polarity	Default to on or off
Activation / Deactivation of the charger	Switching the charger on or off

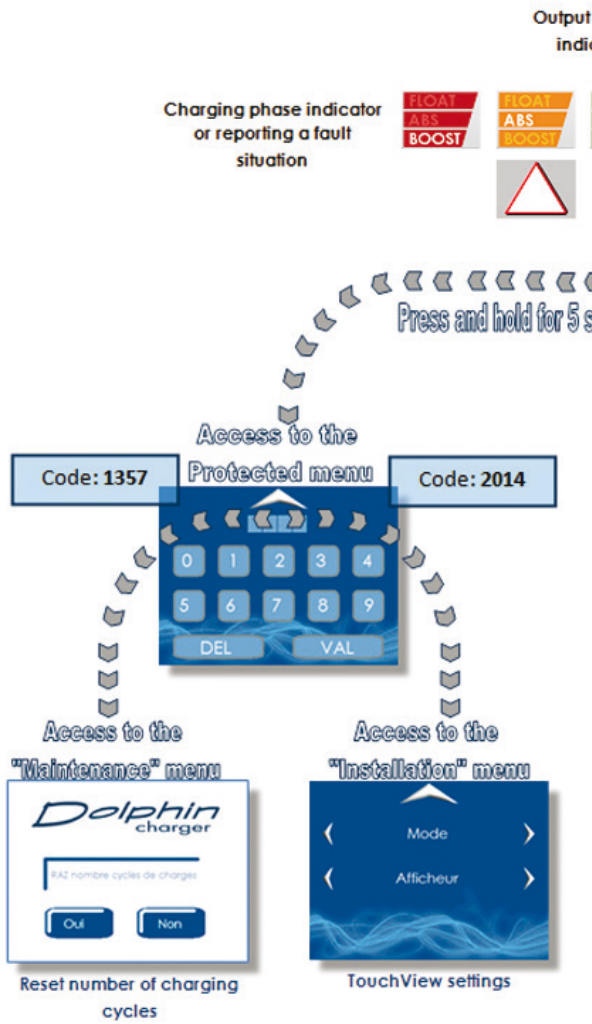
TECHNICAL SPECIFICATIONS EN

TOUCHVIEW-04

PICTOGRAM ALARM FUNCTIONS	
Battery or electronics temperature fault	
Charger supply voltage fault	
Fuse fault	
Charger output voltage fault	
CAN bus fault	
GENERAL	
Operating temperature	-10°C to +50°C
Storage temperature	-20°C to +70°C
Relative humidity	10% to 70% condensation free
Electronics	Resin tropicalised
Presentation	Flush-mounting device, 93 mm diameter
Flush mounting	72 mm dia. (use a 73 mm hole saw) depth 15 mm
Fixing	Four screws supplied
Overall dimensions (width x height x depth)	93 mm dia. x 23 mm
Weight	< 500 g
Connection	RJ9 connector

TECHNICAL SPECIFICATIONS

TOUCHVIEW-04



Select function:



Back to previous page:



TOUCHVIEW-04

Charger ON main screen



Select previous
setting:



Select next
setting:



Charger ON main screen



Output voltage
indication

Charger power

Alternating

Screen mode: Display

Charging cycle

Alternating

Network / 0

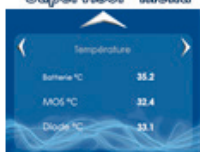
Access to the "Function" menu



Access to the "Set-up" menu



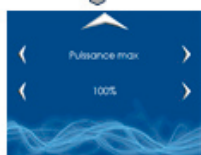
Access to the "Supervisor" menu



Charger information
display

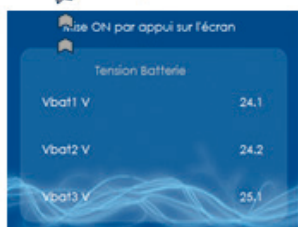


Display settings



Charger settings

Charger OFF



Three-voltage display
Battery

> If in "Controller" mode:
Restart the charger by pressing
the screen.

> If in "Display" mode:
Main screen automatically
displayed if the charger
restarts.

Access to the charger OFF command



Access to the "Help" menu



Description of the charging
phases



Description of charger faults and
conditions for clearing them



Description of how to select
the type of charging cycle



TouchView product version

Screen settings	
Language	Choice of five languages: English, French, Italian, Spanish, German
Unit	Choose between °C or °F
Display	Choice of TouchView display mode
	Permanent: Permanent display
	OFF screen: Screen saver after 25 s, press the screen to reactivate it
	Slide show: Slide show displayed after 5 s on the main pages (press the screen to display current page)
Screen back-ground	Configurable: three colours available (Black, Blue, Grey)
Brightness	Backlight settings
	Use the cursor to adjust the level
Dimming	Automatic dimming configuration
	Active: 100% backlight and then automatic dimming after 10 seconds (backlight determined by the brightness cursor)
	Disabled: Screen backlight determined by the brightness cursor
Charger settings	
Max. power	Charger maximum power setting (accessible only if the TouchView is in Controller mode)
	30%, 50%, 70%, 100%
Alarm relay polarity	Relay polarity setting (accessible only if the TouchView is in Controller mode)
	Open if fault
	Closed if fault
Supervisor	
Temperature display:	
Battery	Display of temperature read by the battery probe
Charger MOS	Display of charger internal temperature
Charger diode	Display of charger internal temperature

Charging information display:	
Current charging cycle time	Current cycle charge time display (hours and minutes)
Charging phase (Boost, Equal, Float)	Current cycle phase display
Number of charging cycles	Display of number of completed charging cycles

Charging cycle type	Display charging cycle selected on main charger thumb-wheel	
	0-Open lead	5-Open lead winter storage
	1-Sealed lead	6-Sealed lead winter storage
	2-Calcium lead	7-Gel and AGM
	3-Delphi	8-Power supply
	4-Optima	9-LiFeSo4+BMS
Power input information display		
Input voltage	Input voltage display in Vrms	
Input voltage frequency	Input voltage frequency display in Hz	
Display of three output voltages		
Vdc1 output voltage	Display of voltage on output Vdc1	
Vdc2 output voltage	Display of voltage on output Vdc2	
Vdc3 output voltage	Display of voltage on output Vdc3	
Charger information display		
Charger current voltage rating	Display of charger Voltage/Current ratings	
Software version	Display of charger software version	

Configuration		
Mode	Configuring the TouchView in Display or Controller mode	
		Controller: TouchView lets you display and control the overall charger (display and monitoring of overall network)
		Display: TouchView only provides a display, no charger control. (Displays the network node selected by the Charger and Network settings)
Network	Configuration of the network displayed by the TouchView	
		0 for DOLPHIN V1 charger
		from 0 to 8 for DOLPHIN V2 charger (number according to the setting on the main charger DIP switch: if DIP 1-2-3 set to 0 with number to be configured = 1)
Charger	Charger configuration displayed by the Touch-View, accessible in Display mode only	
		0 for DOLPHIN V1 charger
		Adjustment from 1 to 12 for DOLPHIN V2 charger (number according to the thumb-wheel for slave (thumb-wheel +2)), 12 for the master, 1 for display of the overall network

Dolphin charger



info@dolphin-charger.com
www.dolphin-charger.com