



TEMPRA



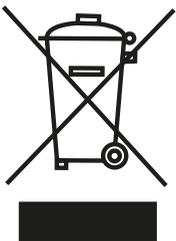
User Manual

ENGLISH

VALID FOR THE FOLLOWING MODELS

TBL 100
TBL 100 F
TBL 120
TBL 120 F
TBL 150
TBL 150 F

INSTRUCTIONS FOR THE PROPER DISPOSAL



This electronic device is subject to the European Directive 2012/19/EU. according to the local waste disposal rules, do not dispose of old products with normal household waste. The proper disposal of products that can no longer be used prevents potential negative consequences for the environment and for the population.



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1. SAFETY INSTRUCTIONS

- This equipment is not suitable for use in rooms where children are likely to be present.
- Carefully check the device integrity, connection cables and connectors.
- To avoid overheating, do not install the device in a sealed environment, always prefer well ventilated places.
- Do not place the device on highly flammable surfaces or environments (eg: paper, cloth, etc.).
- Protect the device from sunlight or direct heat sources.
- To avoid malfunctions, DO NOT install and use the device in very humid environments, in contact with water splashes, various liquids, or exposed to rain.
- To avoid risk of electric shock and/or fire, the vehicle's fuel system must be in good condition.
- In the event of electrolyte leakage, do not touch the battery. In case of contact, rinse immediately with lukewarm water and consult a doctor immediately.
- Take care during installation that the two poles of the TEMPRA Battery do not come into contact with each other. Use insulated equipment and do not place and/or leave metal objects near the product.
- In case of anomalies in the conformity of the product do not use it! it is strictly forbidden to open the device. Repairs may only be carried out by qualified technical personnel using original spare parts.
- Keep the instruction manual near the device for easy access to the essential safety, use and maintenance information.
- The information contained in this manual may be changed without notice. NDS Energy s.r.l. reserves the right to make changes and improvements to the product at any time without notice and without obligation to apply these changes to the devices previously distributed.

- Product images are purely indicative and may therefore not be fully representative of the characteristics of the product, differing in colour, size or accessories.

Symbol	Meaning
	Pay attention
	Comply with battery operating temperatures
	Do not install and use the device in very humid environments, in direct contact with splashes of water, liquids or atmospheric agents
	Do not expose to fire or heat sources
	This equipment is not suitable for use in rooms where children are likely to be present
	Read the manual carefully
	Switching on the battery

2. PACKAGE CONTENTS

Check the contents of the package:

1x **TEMPRA** Battery

1x Black pole cover (for the Negative pole)

1x Red pole cover (For the Positive pole)

3. DESCRIPTION

The **TEMPRA** battery with **N-BUS** system has an excellent power-to-weight ratio thanks to the new cells **NDS HDP** (high density power): a concentrate of power in a minimum space!

Up to 150Ah capacity in the size of a classic L5 box. The L5 box is a standard size that usually holds a maximum of 100Ah and fits under the Fiat Ducato seat.

The reliable Lithium Iron Phosphate (LiFePO_4) technology of the **TEMPRA** battery provides huge advantages over traditional Lead Acid batteries (AGM, GEL, Free Acid). Some of the most interesting features include fast and efficient charging with high currents and low dispersion, absence of sulphation (which plagues lead-acid batteries), low self-discharge (less than 3%/month), which, combined with its 60% reduced weight and remarkable number of cycles (over 3000), make this battery the ideal companion for any state-of-the-art recreational vehicle.

The **BMS**'s charge management and Smart Balance ensure that the cells are always efficient and perform over time.

The heated versions of the **TEMPRA** Lithium battery (those with an “F” at the end of the product code) are designed to be used even in extreme temperatures, **up to -30°C**, so the batteries can be used in all weather conditions.

Due to the N-BUS protocol, the **TEMPRA** battery is an integral part of the NDS energy ecosystem and you can control all your devices (with N-BUS) with a single display, such as the **DTB 01** Display Bus (optional) or the **NDS Mobile App** available for iOS and Android.

MAIN FEATURES

- **HDP cells - Same size +50% more capacity**
50% more capacity in the same size as a standard L5 box (100Ah).
Where there used to be 100Ah, there are now 150Ah.
- **Ready to use even at low temperatures**
The integrated heating system allows the Temptra battery to be used at temperatures as low as -20°C, so the battery is always in perfect working condition, even in extreme situations.
- **Everything under control with Display Bus and Mobile App**
The new controllers: **DTB01** Display Bus and **NDS Mobile App**, allow you to manage your battery and all other N-BUS devices with a single device.
- **Compatible with any charger**
BMS Smart developed by NDS will automatically adjust all the charging parameters in the optimal way for your TEMPRA battery.
- **BMS Smart**
Powerful and intelligent for longer battery life, protections, Smart Balance, charge management and communication in one board.

4. STRUCTURE

The battery has 2 terminals (negative and positive) with threaded hole and 1 Multicolour LED indicator on top.

On the side, there's a "Setup and connections" compartment to make the settings for battery operation, to connect it to the **N-BUS** network and to connect the **DTB01** touch screen display (optional).

See the following 2 figures for all references.

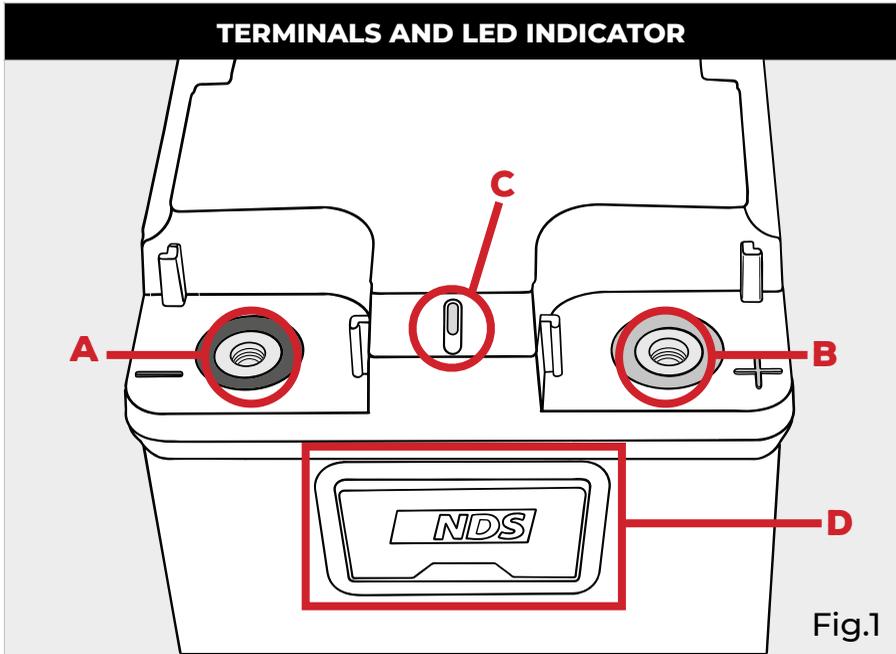


Fig.1

REFERENCE	FUNCTION
A	Negative terminal
B	Positive terminal
C	Multicolor LED indicator
D	Connection compartment

You can install automotive poles with an M8 screw, or use a bolt in case you want to use eyelet connectors.

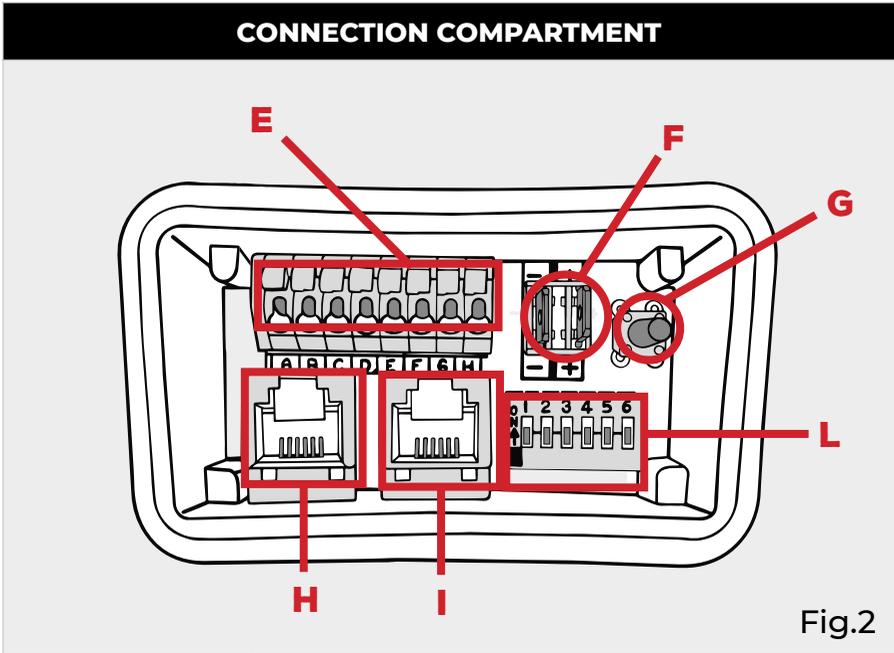


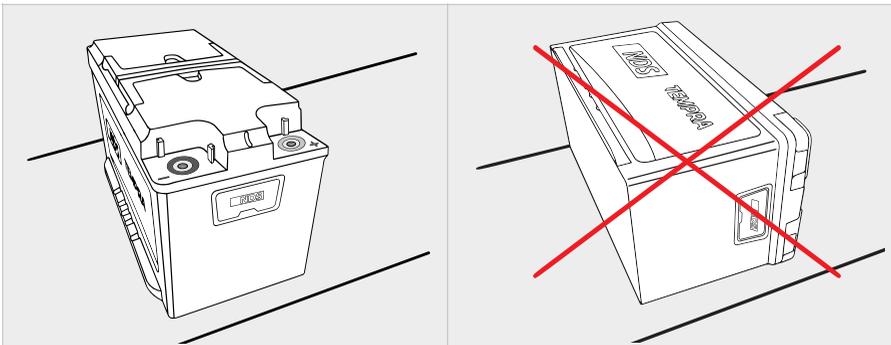
Fig.2

REFERENCE	FUNCTION
E	Green connector (not used)
F	Red connector (not used)
G	ON/OFF Button
H	N-BUS_1 connection for Display or other N_BUS device
I	N-BUS_2 connection for Display or other N_BUS device
L	6 channels Dip switch selector

5. INSTALLATION

Use insulated tools, do not place and/or leave metal objects near the product to avoid contact between the two poles (positive and negative) of the **TEMPRA** Battery.

1. Place the **TEMPRA** battery on a horizontal surface by resting it on the base, with the poles facing upwards. The **TEMPRA** battery cannot be installed in all positions or on all sides. See the pictures below.



2. If possible, secure the battery to the floor so as to avoid unexpected movements during the journey.
3. Connect the negative (Fig.1 - Ref. A) and positive (Fig.1 - Ref. B) terminals to the system. The terminals have an M8 screw hole (head 13mm), use M8 Terminals Bolt Hole and cables of suitable cross section.
4. Once the connections have been made, place the plastic pole covers on them.
If necessary, customize the shape of the pole covers to suit your needs and space requirements.

CAUTION

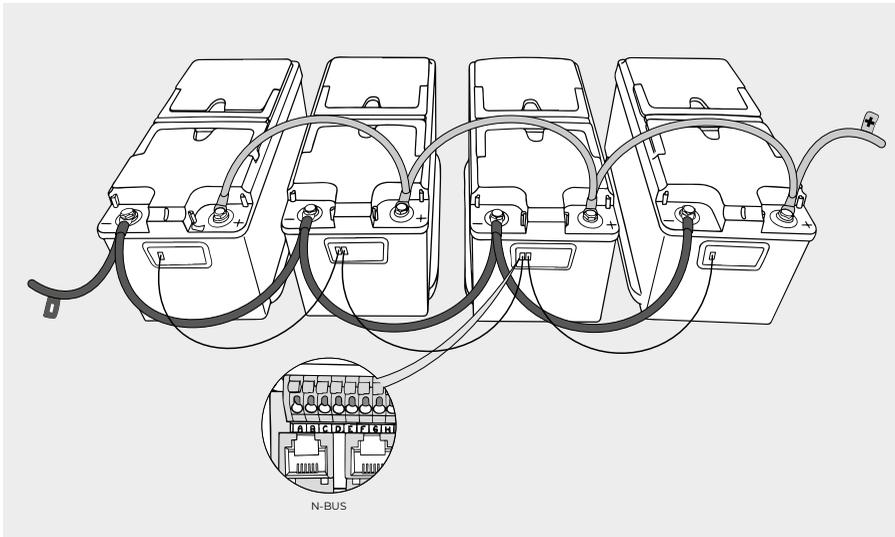
- Do not connect any different lithium batteries to the **TEMPRA**. Don't use: different brand, different lithium technology, different capacity or voltage).
- Do not connect **TEMPRA** lithium batteries in series.
- Use only NDS **TEMPRA** batteries for parallel connection, do not use batteries of other technology Lithium or Lead/Acid batteries (AGM, Gel, Flooded).

6. TEMPRA BATTERIES PARALLEL

You can connect up to 4 **TEMPRA** Lithium Batteries in parallel, **series connection is not allowed.**

Follow the instructions for correct installation:

1. Select Master mode on one of the batteries and set the other Temptra to Slave. Act on Dip Switch No. 4 (Chapter 10).
2. Make the electrical connection in parallel.
3. Create the **N-BUS** network - connect the data cable forming a chain from one battery to the next (connect any other **NDS N-BUS** devices present).



NOTE

- The connection cable between several **N-BUS** devices is a 6-pole (straight through) cable with RJ11 6C/6P connectors at both ends. It is possible to buy a pre-assembled **NDS** cable available in different models and lengths **BC 03M** (3m), **BC 06M** (6m) and **BC 10M** (10m).
- The **N-BUS** cable for **DTB01** display is a proprietary **NDS** cable, and it is different from BC 03M, BC 06M and BC 10M.

7. WIRING AND FUSES

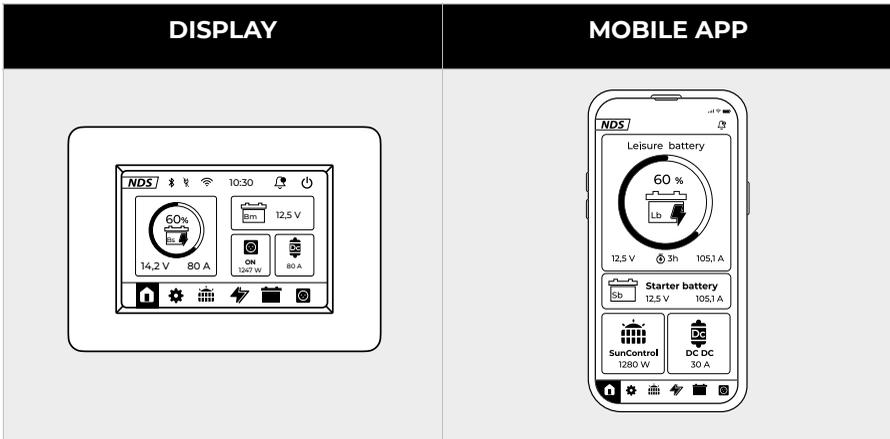
In order to properly dimension wiring and fuses, an analysis of distances and loads must be carried out. It is not possible to provide a unique figure valid for every installation, the following examples are purely indicative.

MAXIMUM ESTIMATED CONSUMPTION	MAXIMUM CABLE SECTION			FUSE
	Length ≤2m	Length da 2m a 4m	Length >4m	
20 A (refrigerator, lights, water pump)	4 mm ²	6 mm ²	10 mm ²	40 A
130 A (inverter with coffee machine, hairdryer)	25 mm ²	35 mm ²	50 mm ²	150 A
200 A (inverter air conditioner)	35 mm ²	50 mm ²	70 mm ²	200 A

8. N-BUS NETWORK AND CONTROLLERS

N-BUS devices can be networked for optimal operation of the entire NDS energy system. To start setting up your new energy system, simply connect two or more N-BUS devices with the optional data cable, available in various lengths (BC03M, BC06M or BC10M). Furthermore, with **N-BUS**, you can use a single controller to monitor and control all NDS devices.

Control **TEMPRA** and all N-BUS devices with a single full color touch screen display (**DTB01**), or with the mobile app for smartphones, if there's at least one NDS device with Bluetooth in the network. They are Bluetooth e.g. **TEMPRA** Lithium Battery (all models), **SUNCONTROL2** (models with Bluetooth). The mobile app can also be used to update all connected **N-BUS** devices if there is a Master device, such as a **TEMPRA** Lithium Battery.



CAUTION

The **N-BUS** cable connecting 2 devices must not exceed 10m.

9. N-BUS / CI-BUS SELECTION

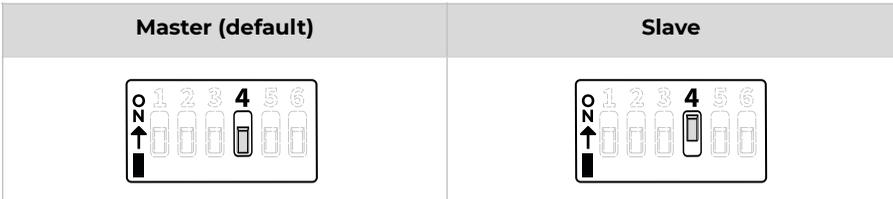
TEMPRA battery supports both the native N-BUS protocol and the Ci-BUS protocol, shared with other manufacturers. Act on Dip-Switch No.1 to set the desired protocol. In the case of Ci-BUS selection, it is also necessary to move the Dip-Switch No. 4.



CAUTION
With the Ci-BUS protocol active, the N-BUS network will not be detected.

10. MASTER AND SLAVE

This setting is mandatory if several Temptra batteries are connected in parallel in the N-BUS network. Only one of these batteries must be set as Master, all others as Slaves. If there is only one Temptra battery and other N-BUS devices in the network, the network will automatically configure itself. The default setting for all batteries is Master.



NOTE
Dip switch positions 2 and 3 are not active.

11. BUS POWER SUPPLY

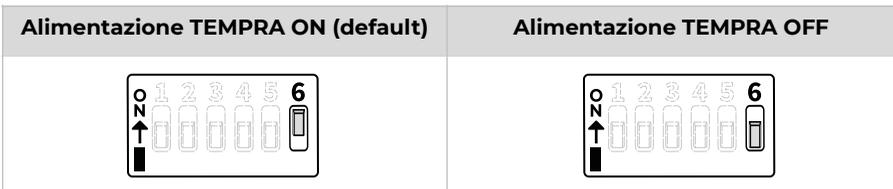
This Dip Switch allows the BUS (N-BUS and Ci-BUS) to be powered on and off. Switching off the Bus means switching off all connected devices, such as the DTB01 display.



NOTE
Even if the battery is powered off and the connections to its poles are disconnected, the BUS power line remains powered. To interrupt power supply to the BUS line, set Dip Switch No.5 to OFF.

12. FEEDING TEMPRA

To disconnect the Tempra battery, either the button located inside the connection compartment can be used (Fig.2 - Ref. G), or Dip-Switch No.6. Both actions produce the same effect on the battery, but the Dip-Switch, being a mechanical switch, provides immediate visual feedback on the ON or OFF state of the battery.



13. OPERATION

Charge the battery completely before using it to its full potential.

ACTIVATION

The default setting of the **TEMPRA** lithium battery is in inactive mode: there is no voltage at the poles and to use it you must activate and switch it on.

To activate it, move upward the No. 6 Dip switch selector (ON position) (Fig. 2 - Ref. L), and to turn it on, press and hold the ON/OFF button (Fig. 2 - Ref. G) for at least 1 second.

The battery will be active when the LED indicator (Fig. 1 - Ref. C) lights up.

SHUTDOWN

The battery can be switched off in 4 different ways according to requirements:

- **ON/OFF** Button (Fig.2 - Ref. G).
- **Display** NDS DTB01 button.
- **NDS ENERGY APP** Mobile button (per iOS e Android)
- **Dip switch** (Fig. 2 - Ref. L) selector No. 6 “ON/OFF”

SWITCH-OFF WITH ON/OFF BUTTON (Fig.2 - Ref. G)

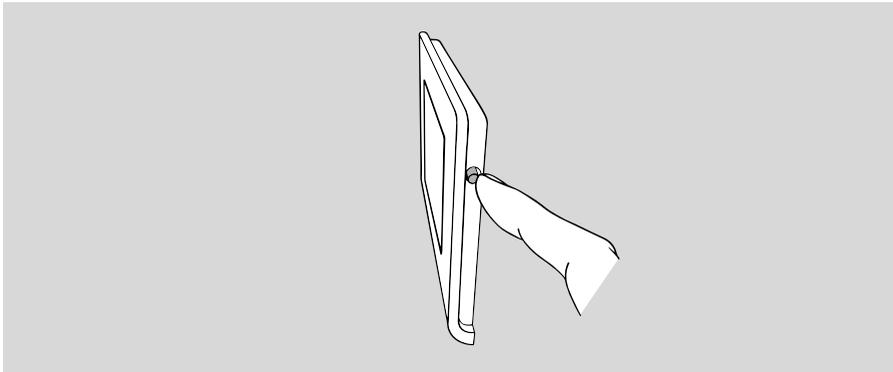
Turning the battery off using the ON/OFF button allows you to choose whether to leave Bluetooth active or to proceed to a complete shutdown.

With Bluetooth on, it is possible to turn the battery back on via the **NDS ENERGY APP**, without pressing the ON/OFF button again. In both cases there is no voltage at the poles.

- **Switching off battery, leaving Bluetooth on:** with the battery active, press and hold the ON/OFF button for 4 seconds until the LED (Fig.1 - Ref. C) flashes blue. Release the button.
The battery will turn off, and Bluetooth will stay active.
- **Switching off the battery:** with the battery active, press and hold the button for 8 seconds until the LED flashes purple. Release the button. *The battery will be switched off.*

SWITCH OFF WITH NDS DTB01 DISPLAY

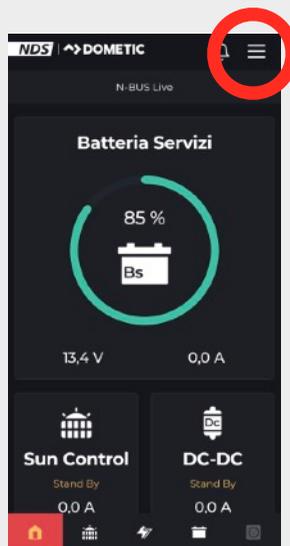
Press and hold the button on the side of the NDS DTB01 display until the message "Shutdown..." is displayed. Release the button. The battery will turn off after a few seconds, and Bluetooth will stay active with no voltage at the poles.



SWITCH OFF VIA BUTTON ON APP

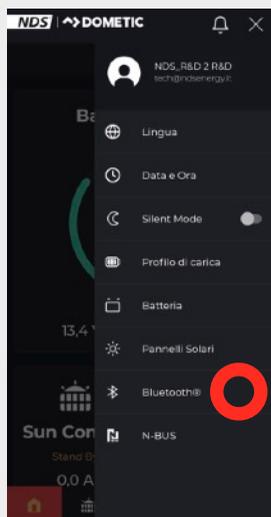
STEP 1

Tap on the Menu icon in the top right-hand corner.



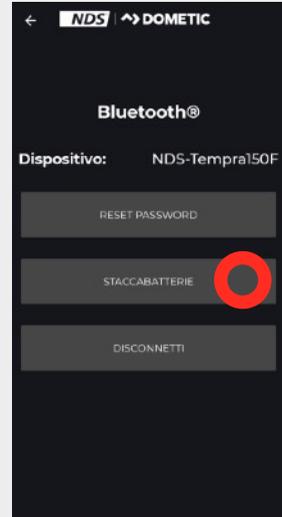
STEP 2

Tap on the Bluetooth icon.



STEP 3

Tap on the Battery icon.
The Tempra battery will switch off
after a few seconds, and
Bluetooth will stay active.



DIP SWITCH DEACTIVATION (Fig. 2 - Ref. L)

Complete deactivation of the battery by means of a Dip Switch is recommended in the case of long-term storage (more than 3 months) or if you do not have a Bluetooth device connected to the battery.

To switch the battery off and on completely, set Dip switch selector 6 (Fig.2 - Ref. L) down (OFF).

Bluetooth is deactivated and there is no voltage at the battery poles.

14.CHARGE

For optimal management, it is recommended to use a charger that performs a CV/CC charging curve and respects the parameters in the table below

Model	Max voltage	Max Recommended Current continuous charge
TLB 100 / TLB 100F	14.4V±0.1V	50A
TLB 120 / TLB 120F	14.4V±0.1V	60A
TLB 150 / TLB 150F	14.4V±0.1V	75A

It is also recommended to:

- We recommend the use of a charger suitable for charging Lithium Iron Phosphate (LiFePO₄) batteries. In any case, the Tempra Lithium battery is equipped with an integrated charge manager to regulate charging optimally, so AGM, GEL, Wet chargers can also be used, even with active desulphation, without damaging the battery.
- Do not overcharge the battery. We recommend the use of an automatic charger, which switches off when the battery is fully charged.

CHARGING AT LOW TEMPERATURES

The **TEMPRA** battery is available in two versions: a standard version and a heated version. The heated version has an "F" at the end of the product code. The table below shows all the charge values at the lowest and highest possible temperature for each model.

Model	Min. Charging temperature	Max. Charging temperature
TLB 100	-10°C	+45°C
TLB 100F	-30°C	+45°C
TLB 120	-10°C	+45°C
TLB 120F	-30°C	+45°C
TLB 150	-10°C	+45°C
TLB 150F	-30°C	+45°C

When the battery is being charged at temperatures below 0°C, the cell heating system (for models with an "F") is activated. The system uses the charger's energy to power itself and, once the ideal charging temperature is reached, the heating is switched off and charging begins.

If, during charging, the temperature is higher than the permissible range, the internal manager will limit the charge to preserve battery life.

15.DISCHARGE

The **BMS Smart** (inside the battery), the electronic system for protecting and managing the lithium cells, supports a continuous current of 135A. However, it is possible to use higher currents for a limited time, in accordance with the following values.

Discharging current	Max. Discharging time		
	TLB 150 TLB 150 F	TLB 120 TLB 120 F	TLB 100 TLB 150 F
150A	25 minutes	20 minutes	15 minutes
180A	5 minutes	3 minutes	2 minutes
200A	150 seconds	60 seconds	60 seconds

CAUTION

- Do not discharge the battery over the following temperature range: $-20^{\circ}\text{C}/+60^{\circ}\text{C}$.
- If the voltage drops below $10,5\text{V}\pm 0,1\text{V}$ the battery generates an alarm and deactivates the terminals.

16. BLUETOOTH

The **TEMPRA** battery is equipped with a Bluetooth BLE 5.0 low power consumption, which allows you to view information and control not only the **TEMPRA** battery, but also all other NDS devices in the N-BUS network from a single display.

To connect to the battery, you need a Bluetooth BLE-compatible smartphone (version 4.2 and above) and the NDS ENERGY App available for iOS and Android, which can be downloaded from the corresponding websites.

**GOOGLE
PLAY STORE**



**APPLE
APP STORE**



Once switched on, the battery will be visible in the Bluetooth menu of the smartphone with the name 'TLB100xxxxx' where the 'xxxx' represents the serial number of each battery.

NOTE

Bluetooth connection may be available even when the battery is switched off.

17.LED INDICATOR

Here is the meaning of the LED indicator on the side of the battery (Fig. 1 - Ref. C):

- **Green LED Steady:** battery is starting up. Voltage on poles not present.
- **Green LED flashing:** battery active. Voltage on poles present.
- **Blue LED flashing:** battery powering down with Bluetooth active. Voltage on poles not present.
- **Purple LED flashing:** battery in shutdown with Bluetooth not active. Voltage on poles not present.
- **Red LED flashing:** battery alarm. Voltage on poles not present.
- **Orange LED Flashing:** Temperature range limit. Voltage on poles present.
- **Orange LED Steady:** aggiornamento Firmware, eseguito da App mobile, di un dispositivo N-BUS collegato alla rete.
- **LED Off:** Battery inactive or Bluetooth active. Voltage on poles not present.

18.ALARMS

The internal **BMS** (Battery Management System) automatically manages all possible faults generated by external or internal causes to the battery. The fault is indicated by the red flashing of the indicator light (Fig. 1 - Ref. C) see chapter "LED indicator".

Possible faults are:

- **Cell Very low:** voltage of one or more cells below the allowed limit.
- **Undervoltage:** battery below $10.5V \pm 0.1V$.
- **Very high charged battery:** one or more cells above the allowed limit.

- **Overvoltage:** voltage over 16V is recorded on the terminals, probably due to too high a voltage of the external charger.
- **Short circuit.**
- **High current consumption** beyond the limits set out in the table (...refer to the table in the 'DISCHARGE' chapter)
- **Cell overtemperature:** over the allowed range.
- **Internal BMS overtemperature.**
- **Internal BMS fault.**

To restore normal battery operation, press the ON/OFF button (Fig. 2 - Ref. G). When the button is pressed, the system performs a check-up and if the problem has been solved, the LED (Fig. 1 - Ref. C) returns to green flashing and the voltage on the terminals is restored. In the event of a persistent fault, the battery would remain in alarm status. In the event of a persistent fault, contact an authorized NDS dealer.

The alarm is automatically reset by the battery, however, it may persist for some time (from a few seconds to several minutes) depending on the anomaly detected. Specifically:

1. One or more cells with voltage above the permitted limits. The alarm is deactivated when the cell voltage returns to operational levels. On the BUS display (DTB 01) and on the mobile app, the notification "Cell voltage(s) high" appears. On deactivation of the alarm, it is recommended to discharge the battery by a few Ah (3 Ah are sufficient).
2. One or more cells with voltage below permissible limits. The alarm is deactivated when the cell voltage returns to operational levels. On the BUS display (DTB 01) and on the mobile app, the notification "Cell voltage(s) low" appears. WARNING:

with a voltage of one or more cells below the safety limit, the battery will switch off after approx. 10 seconds. it is possible to reactivate the battery by following the procedure below:

- a. Connect a charger to the battery poles and switch it on.
 - b. Switch on the battery by pressing the "G" button in Fig.2 for about one second. If the voltage of one or more of the cells is below the safety limit, the battery will remain on for about 10 seconds, in order to allow the cells to be charged and then reset.
3. Internal battery temperature outside permissible limits. The alarm is deactivated if the temperature returns to suitable working levels. This alarm can persist for several minutes depending on the time it takes for the battery to return to the limits. On the BUS display (DTB 01) and on the Mobile App, the following notification appears: "Temperature Problem", or "Temperature Problem Charging", or "Temperature Problem Discharging". In the case of "Temperature problem in charging" switch off the charger for several minutes, in the case of "Temperature problem in discharging" avoid discharging the battery for a few minutes.
4. Very high current (greater than 260A). The alarm is deactivated after approx. 5 seconds. If it should reactivate (e.g. due to a short circuit at the poles), the alarm remains active until button "G" in Fig.2 is pressed. On the BUS display (DTB 01) and on the mobile app, the following notification appears: "Short circuit". It is advisable to check that all consumers connected to the battery are working properly.
5. Very high current (over 180A for a few minutes depending on the model), the alarm is automatically deactivated after approx. 5 seconds. On the BUS

display (DTB 01) and on the mobile app, the notification appears: "Overcurrent". In this case, a consumer has been activated that draws a power that exceeds the limits allowed by the battery. We recommend limiting the use of such a consumer to a maximum of 1 minute.

6. Battery pole voltage above 16V. The alarm is automatically deactivated when the voltage drops below 15.6V. On the BUS display (DTB 01) and on the mobile app, the notification "Battery over voltage" appears. Check that the charger is not faulty and that it is suitable for charging batteries with a nominal voltage of 12V and LiFePO₄ technology.
7. Battery pole voltage below 10.5V. The voltage at the poles is switched off for a few minutes, and then automatically restored for a few seconds. The purpose of this function is to protect the battery from further discharge by keeping it switched off for a few minutes, and at the same time to allow a battery charger to detect it. On the BUS display (DTB 01) and on the mobile app, the following notification appears: "Battery voltage low".

If on the NDS display (DTB 01) and on the APP, the notification 'Battery Fault' appears, the alarm is not reset, you must contact service.

19. TECHNICAL FEATURES

Model	TLB100	TLB100F	TLB120	TLB120F	TLB150	TLB150F
Nominal voltage	12,8Vdc	12,8Vdc	12,8Vdc	12,8Vdc	12,8Vdc	12,8Vdc
Nominal capacity 25°C	100Ah	100Ah	120Ah	120Ah	150Ah	150Ah
Nominal energy 25°C	1280Wh	1280Wh	1536Wh	1536Wh	1920Wh	1920Wh
Number of series cells	4	4	4	4	4	4
Technology	LiFePO ₄					
Recommended maximum discharge current	100A	100A	120A	120A	135A	135A
Maximum supported discharge current	200A/60 seconds	200A/60 seconds	200A/60 seconds	200A/60 seconds	200A/150 seconds	200A/150 seconds
End-of-discharge voltage	10.5V±0.1 V					
Recommended maximum charging current	50A/0.5C	50A/0.5C	60A/0.5C	60A/0.5C	75A/0.5C	75A/0.5C
Maximum charging current supported	100A/1C	100A/1C	120A/1C	120A/1C	150A/1C	150A/1C

End-of-charging voltage	14.4V±0.2V	14.4V±0.2V	14.4V±0.2V	14.4V±0.2V	14.4V±0.2V	14.4V±0.2V
Number of cycles 80% DOD	3500*	3500*	3500*	3500*	3500*	3500*
Discharge working temperature	-20°C/+60°C	-20°C/+60°C	-20°C/+60°C	-20°C/+60°C	-20°C/+60°C	-20°C/+60°C
Operating temperature in charge	-10°C/+45°C	-30°C/+45°C	-10°C/+45°C	-30°C/+45°C	-10°C/+45°C	-30°C/+45°C
Storage temperature	-20°C/+45°C	-20°C/+45°C	-20°C/+45°C	-20°C/+45°C	-20°C/+45°C	-20°C/+45°C
Self-discharge	<5%/month	<5%/month	<5%/month	<5%/month	<5%/month	<5%/month
Humidity	Max 95%					
Pole connection size	M8	M8	M8	M8	M8	M8
Weight battery only	12,8Kg	12,8Kg	13,5Kg	13,5Kg	16,1Kg	16,1Kg
Size battery only	341x176h190mm	341x176h190mm	341x176h190mm	341x176h190mm	341x176h190mm	341x176h190mm

DECLARATION OF CONFORMITY - TEMPRA LITHIUM BATTERY

Company: NDS ENERGY S.R.L.
Address: Via giovanni pascoli
65010 - cappelle sul tavo (PE)
Italy

Declares under its own responsibility that the product:

Commercial Name: BATTERIA LIFEPO₄ TEMPRA

**Models: TLB100, TLB100F, TLB120,
TLB120F, TLB150, TLB150F**

To which this declaration refers, is in compliance with the provisions of the Directive of the Council of the European Union concerning the electromagnetic compatibility (EMC) Directive **2014/30/EC**, demonstrated to the observance of the following norms:

- ✓ EN IEC 61000-6-1:2019
- ✓ EN 61000-6-3:2007/A1:2011/AC:2012
- ✓ EN 50498:2010

Direttiva RED 2014/53/EU con gli standard seguenti:

- ✓ EN 300 328 V2.2.2
- ✓ EN 300 330 V2.1.1
- ✓ EN 301 489-1 / -3 / -17

Low Voltage Directive **2014/35/EU** demonstrated compliance with the following standards:

- ✓ EN IEC 62368-1:2020

Conformity for radiated electromagnetic emissions and immunity on vehicles is demonstrated in compliance with the directive:

- ✓ ECE 10R06/01*4140*00 (E24)

compliance with the restriction on the use of hazardous substances is demonstrated by compliance with directive **2011/65/EU (ROHS2)**.

Cappelle sul Tavo,
07/07/2022

Administrator and legal representative
NDS ENERGY S.R.L.


20. WARRANTY



WARRANTY COUPON

FIRST NAME _____

SURNAME _____

POSTCODE _____

E-MAIL _____

MODEL _____

SERIAL NUMBER _____

PURCHASE DATE _____

STAMP AND SIGNATURE OF THE
SELLER

I CONSENT TO THE ACTIVITY DESCRIBED IN POINT 3.C OF THE INFORMATION NOTICE ON WWW.NDSENERGY.IT/PRIVACY-POLICY/

NDSENERGY S.R.L.

VIA G. PASCOLI, 96/98

65010 CAPPELLE SUL TAVO (PE)

ITALY

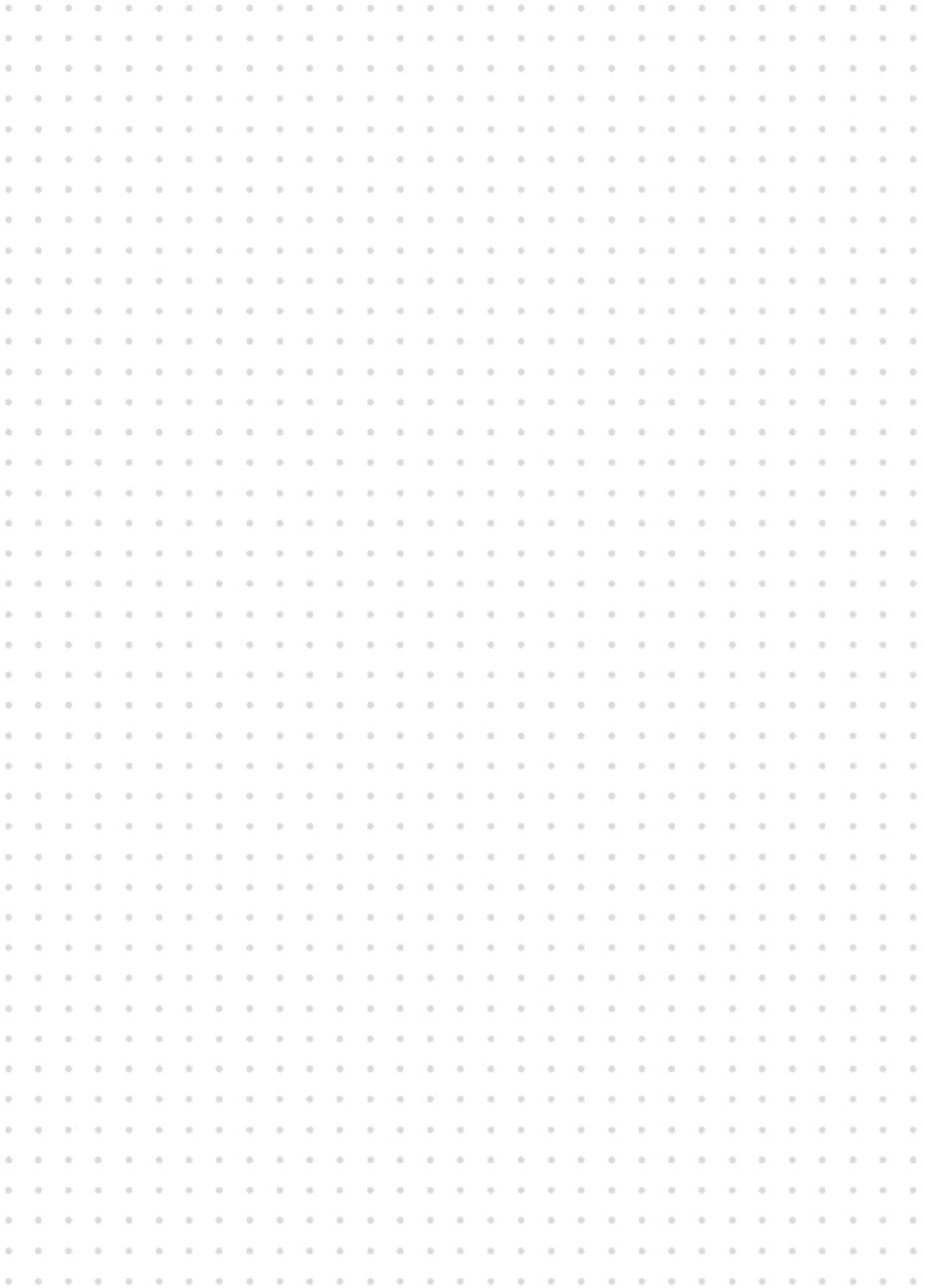
EMAIL: CUSTOMER@NDSENERGY.IT

TEL: +39 085 4470396

FAX: +39 085 9112263

ITALY

NOTES





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