

AutarcTech “LiTerminal” Hardware Update

The following document highlights the differences between Version 2 and 2.1 of the “LiTerminal” from “AutarcTech”.

current product until 30th October 2017
LiTerminal V2



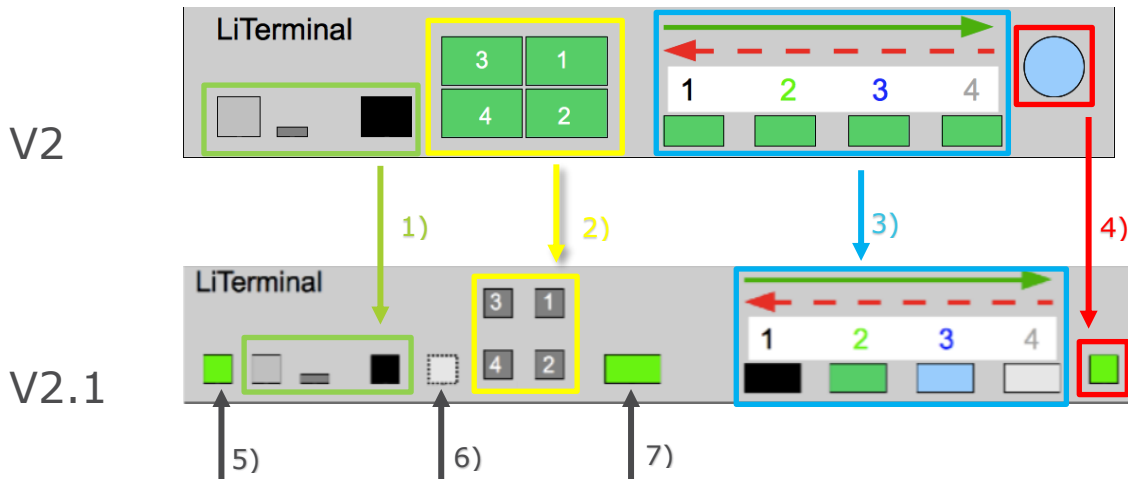
future product from 01st December 2017
LiTerminal V2.1



In short, the hardware-adaptions described on page 2 lead to the following improvements in version 2.1 of the “LiTerminal”:

- **highly reliable connection** of the balancer-terminals through **automotive-certified** latching ERNI-plugs and therefore protection against accidental release by i.e. vibration. The coloring of the plugs minimizes the risk of unintentionally wrong wiring of the cells
- **increased flexibility** by use of standard CAT5-cables for temperature-sensor terminals
- **reduction of costs** through waiving pre-assembled wires and **elimination of redundant** components

The improvements in detail



No.	terminal/ interface	version 2	version 2.1	improvement
1)	Ethernet, USB, CAN	-	-	no difference
2)	temperature-sensor terminal	PHOENIX-plug (clamped connection), latching, pre-assembled cable see 2)	RJ45 terminals w/ standard CAT5-cables , one side open	latching CAT5-cables may be purchased and assembled by customer itself
3)	balancer terminal	see 2)	latching ERNI-connector system, color-coding	automotive-certified connection, protected against accidental release (i.e. vibration), color-coded plugs for simplified wiring
4)	(external) ON/OFF	vandalism protected switch	clamp w/o switch	flexible customization by customer, reduction of costs , remote control
5)	current sensor terminal	intern on PCB	clamp on board	increased flexibility
6)	disable charge/discharge	not available	optional clamp to control cells externally	additional functionality
7)	relay terminal	intern on PCB	clamp on board	increased flexibility
	all connection cables	pre-assembled	one side open	increased flexibility by customizable length and connection type, reduction of costs by waiving pre-assembled cables