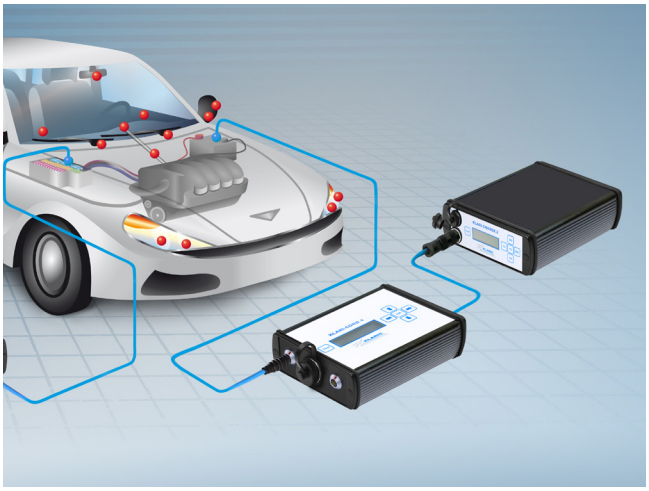
ADDITIVE MODULES

KLARI-CHARGE 2



Independant power supply of measurement modules in vehicles.

Versions

- 3,3 Ah
- 6,6 Ah
- 20 Ah

Features

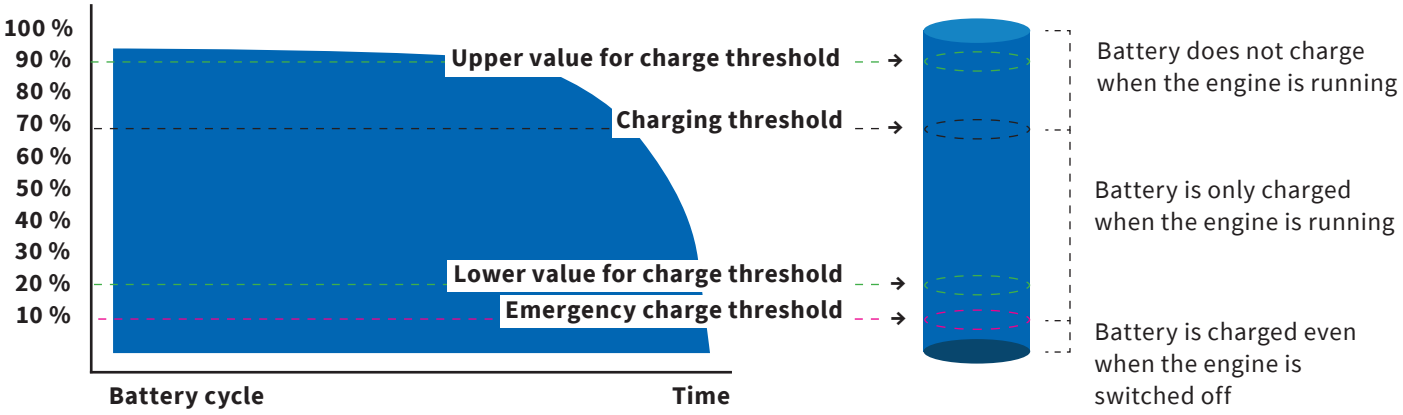
- Intelligent measuring module supply
- Easy configuration and operation
- Especially suitable for long-term measurements
- integrated LiFePO4 battery
- nominal capacity 3,3 Ah or 6,6 Ah , 20 Ah
- can be used for all low voltage measurement modules
- easy connection to the vehicle electrical system via 12 V connector
- Immediately ready for operation without configuration effort

Version

- Version 3,3 Ah 170/200/55 mm (L/W/H)
- Version 6,6 Ah 220/200/55 mm (L/W/H)
- Version 20 Ah 370/200/55 mm (L/W/H)
- Membrane keypad and LCD display for operation and display
- Protection class IP65
- Temperature range -20°C to +45°C (-4°F to 149°F)
- Supply 9 V to 48 V DC, current consumption approx. 9 mA to 60 mA (with 12 V supply)

Example for Operating modes

- Threshold value selectable between 90% and 20% of battery capacity
- Emergency charge function can be deactivated



ADDITIVE MODULES

KLARI-CHARGE 2

Applications

- Module supply of KLARIC measuring modules during quiescent current measurement
- independent supply of KLARIC measuring modules during operating current measurement

Scope of delivery

- KLARI-CHARGE 2
- USB cable for configuration
- DIN socket 5-pin as cable part for connection to the on-board network
- Connection cable for measuring module with DIN plug 5-pin and Sub-D plug 15-pin

Technical data

Inputs	9 V / 24 V on-board power supply input for supply and charging function
Battery	LiFePO4, nominal voltage 12 V, nominal capacity 3.3 Ah / 6.6 Ah / 20 Ah
Load current	max. approx. 1 A
Basic functionality	• Measurement of on-board power supply voltage • Recharging function for 12 V and 24 V vehicle electrical system with running engine via detection of vehicle electrical system voltage • Input for enabling the charging function independent of the on-board voltage • Emergency charging function - if the battery voltage falls below the minimum voltage, the battery is charged from the vehicle electrical system, even if the engine is not running. • Deactivation of the emergency charge function possible
Additional functions	• Setups with different charging limits selectable • Emergency charge function can be switched off via ToolBox
Protection class	IP65
Weight	1300 g (3,3 Ah), 2080 g (6,6 Ah), 3700 g (20 Ah)
Power supply	via vehicle electrical system or external 9 V to 48 V DC
Power consumption	• at 12 V in current saving mode approx. 9 mA • at 12 V without current saving mode approx. 15 mA • at 12 V without current saving mode with lighting approx. 60 mA
Temperature range	-20°C to +45°C (-4°F to 149°F)
Insulation voltage	80 V DC