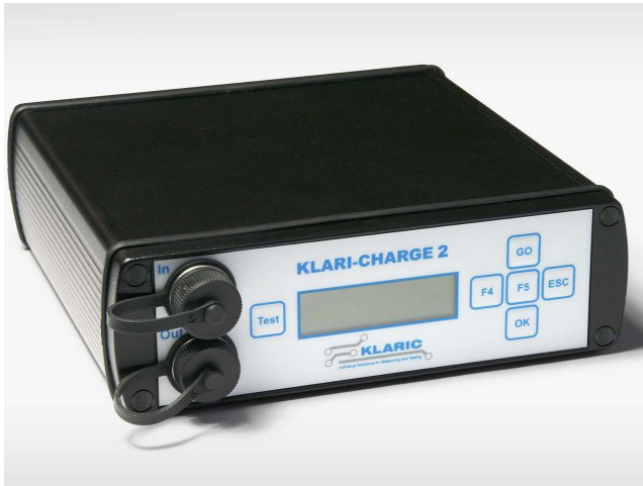


ADDITIVE MODULES

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

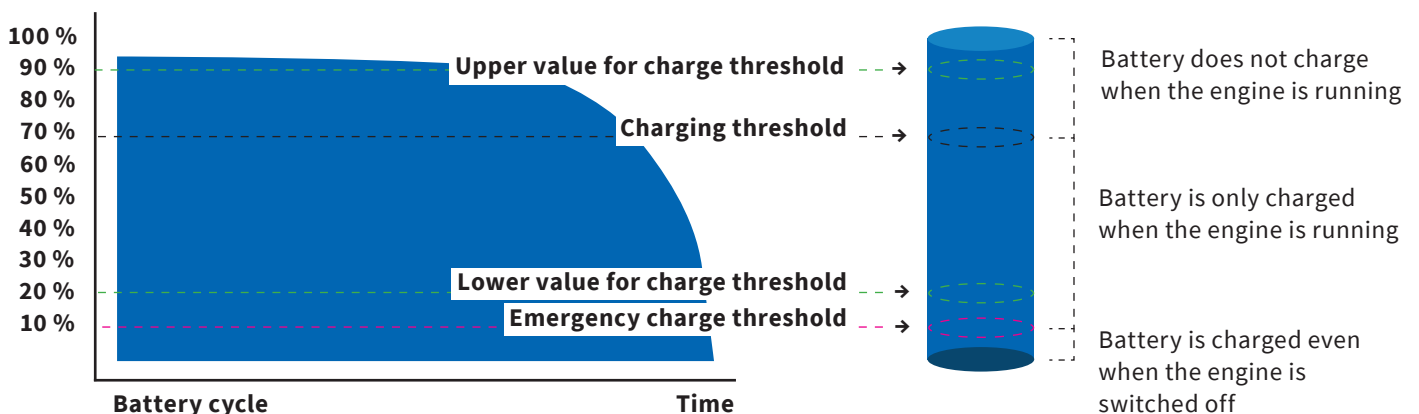
Version

- 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	LiFePO ₄ , nominal voltage 12 V, nominal capacity 3.3 Ah / 6.6 Ah / 20 Ah
Load current	max. approx. 1 A
Basic functionality	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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