



Included in delivery content



Allround charger with special motorbike mode

The fully automatic Battery Charger SH-3.130 is suitable for charging and maintaining rechargeable 6 V and 12 V lead batteries as well as 12 V lithium batteries (LiFePO₄) with integrated battery management system (BMS). Thus, it is very versatile in its application. In the 6 V resp. 12 V motorbike mode even small rechargeable batteries can be charged gently and with a lower charging current (max. 1 A).

The most important characteristics and features:

- Suitable for 6 V and 12 V lead batteries as well as 12 V lithium batteries with BMS
- Multi-step, microprocessor-controlled charging method
- Selectable AGM, SLA/Gel and lithium mode
- Special motorbike mode for 6 V and 12 V lead batteries with lower capacity
- Regeneration step for the reactivation of deep-discharged batteries
- Equipped with auto-memory-function
- Easy operation with one button
- Float charging phase – always guarantees immediate operability
- Protection against short circuit, reverse polarity and overcharging
- Robust, jet-water-protected and dust-tight housing (IP 65)
- Clear operation and display panel
- Practical mounting rail
- Easy to connect and exchange: 2-piece adapter cable set with convenient quick-contact plug

Charging modes – optimally and gently charged at all times

Moreover, the Staudte Hirsch professional charger SH-3.130 offers several charging modes that are optimized for the special requirements of the respective battery types: the 12 V AGM mode for rechargeable batteries with a higher cut-off-voltage, the 12 V SLA/Gel mode for lead-acid or lead-gel batteries from 14 Ah and the 12 V lithium mode for LiFePO₄ batteries with integrated battery management system.

Mode	Battery type	Battery capacity	Charging current	Cut-off-voltage
AGM	12 V AGM batteries	from 14 Ah	4.5 A	14.7 V
SLA/Gel	12 V lead-acid batteries 12 V lead-gel batteries	from 14 Ah	4.5 A	14.4 V
Lithium	12 V LiFePO ₄ batteries with BMS	from 25 Ah	4.5 A	14.4 V
6 V Motorbike	6 V lead batteries	< 14 Ah	1 A	7.2 V
12 V Motorbike	12 V lead batteries	< 14 Ah	1 A	14.4 V



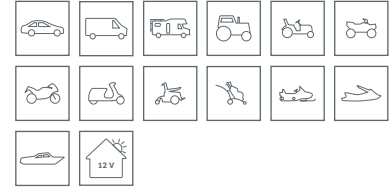
After connecting the device, the SLA/Gel mode is automatically preset.

The battery charger has an auto-memory-function. Following a supply voltage failure, it ensures that the device will automatically return to the previously selected mode after power is restarted.

Technical data

Input		
Operation voltage	100 - 240 V AC, 50/60 Hz	
Input current	max. 1.4 A	
Power consumption	75 VA	
Output		
Suitable battery voltage	6 V/12 V	
Charging current	max. 1.0 A ± 10 % max. 4.5 A ± 10 %	Motorbike mode Lead and lithium mode
Rechargeable battery type	6 V and 12 V lead batteries 12 V LiFePO ₄ batteries	Acid, Gel, AGM
Battery capacity	from 1.2 Ah from 14.0 Ah from 25.0 Ah	Motorbike mode Lead mode Lithium mode
Cut-off-voltage	7.2 V ± 0.2 V 14.4 V ± 0.2 V 14.4 V ± 0.2 V 14.7 V ± 0.2 V	Motorbike mode Lithium mode SLA/Gel, motorbike mode AGM mode
General		
Reverse current	< 0.5 mA	
Protection type	IP 65 (charger) IP 44 (adapter cable set)	
Cable length	1.70 m (mains cable) 1.60 m (connection cable incl. adapter)	
Dimensions	203 x 48 x 67 mm	
Weight	490 g (without accessories) 610 g (with accessories)	
Order no.	331300	

Recommended application



Delivery content

- Battery Charger SH-3.130
- Adapter cable with battery clamps
- Adapter cable with eyelet rings
- Instruction manual in DE, GB

Optional accessory:

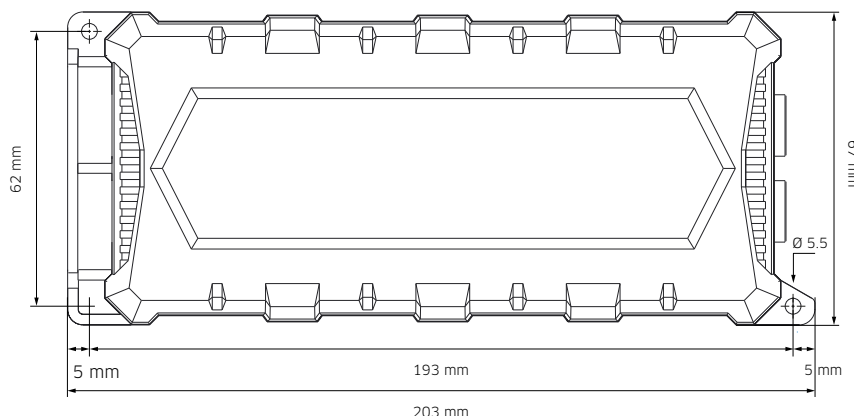
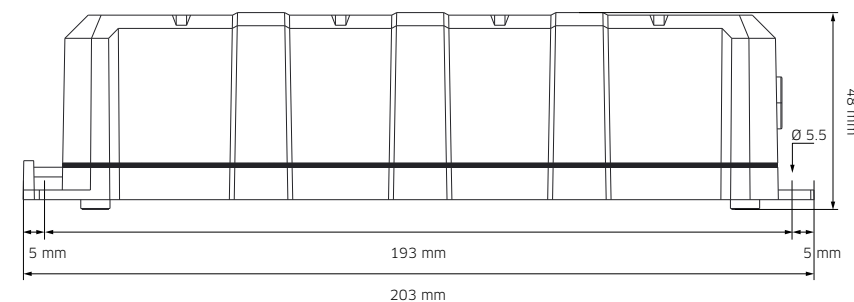


Adapter cable with 12 V car plug
Order no. 911000.Kfz

Adapter cable with battery clamps
Order no. 911000.K

Adapter cable with eyelet rings
Order no. 911000.O

3-piece adapter cable set
Battery clamps, eyelet rings,
12 V car plug
Order no. 911000.A



Staudte Hirsch
Designed in Germany.
Powered by IVT.

**IVT Innovative
Versorgungstechnik GmbH**
Dienhof 14, D-92242 Hirschau
fon + 49 (0) 9622 71991-0
fax + 49 (0) 9622 71991-20
info@ivt-hirschau.de
www.ivt-hirschau.de

Technical changes, print errors
and errors excepted.
© by IVT, Effective 03/2022