

Charger

EFFEKTA® CHA-series



Description

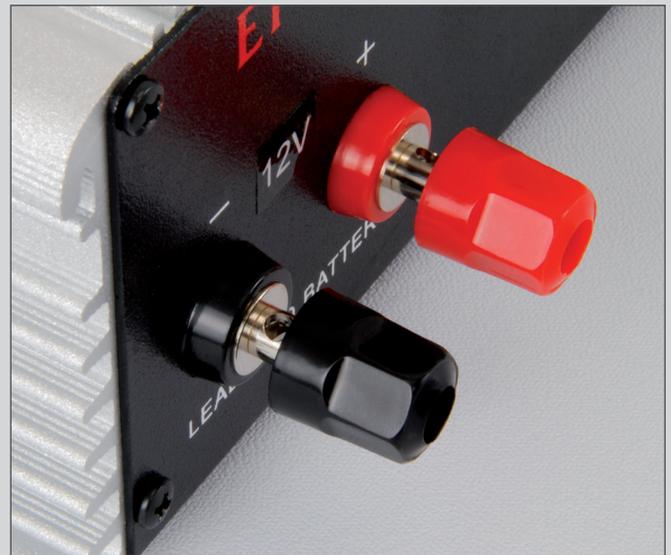
12, 24 and 48V Charger

The EFFEKTA® chargers offer a rapidly and gently charging process with IUoU-characteristics. Thereby they are ideal for charging lead-gel, lead-acid and AGM batteries.

This 3-steps constant current charging in professional quality, batteries charge faster and more gently than comparable units on the market, whereby the service life of the batteries significantly increase.

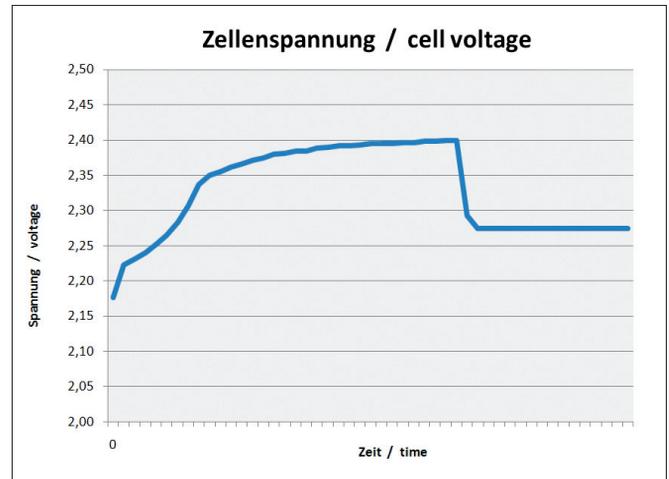
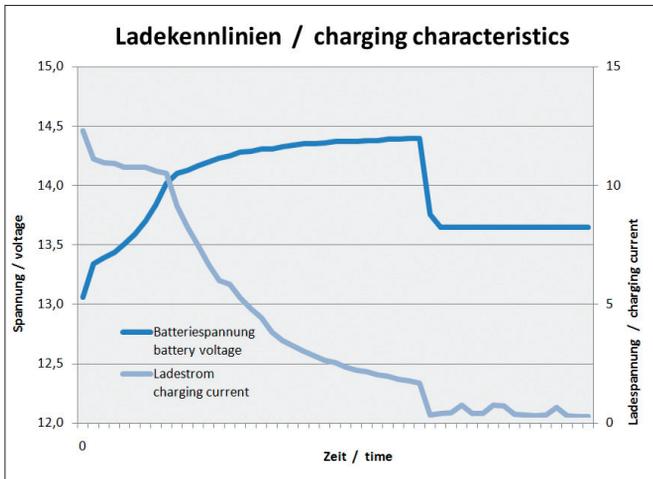
With the IUoU-characteristics, charge occurs with constant current until the gassing voltage. After a certain gassing time the voltage reduces to trickle charge.

Hereby each battery can be charged up to its maximum capacity.



Features

- Reverse polarity- and short circuit protection
- Overload protection
- IUoU-charging characteristic
- High efficiency through switching power supply-technology
- Temperature-controlled fan
- 24 months' warranty



Specifications

12 V - Model	CHA 012-012	CHA 012-025
Input voltage	230VAC ± 10%	
Frequency	50Hz	
Output voltage	12VDC	
Charging end voltage	14.4VDC	
Charging maintenance voltage	13.6VDC	
Charging current max.	12A	25A
Operating temperature	0-50°C	
Weight	2.1kg	2.7kg
Dimensions (H x W x D in mm)	82 x 205 x 230	82 x 205 x 290

24 V - Model	CHA 024-008	CHA 024-014
Input voltage	230VAC ± 10%	
Frequency	50Hz	
Output voltage	24VDC	
Charging end voltage	28.8VDC	
Chrging maintenance voltage	27.2VDC	
Charging current max.	8A	14A
Operating temperature	0-50°C	
Weight	2.1kg	2.7kg
Dimensions (H x W x D in mm)	82 x 205 x 230	82 x 205 x 290

48 V - Model	CHA 048-008
Input voltage	230VAC ± 10%
Frequency	50Hz
Output voltage	48VDC
Charging end voltage	57.6VDC
Charging maintenance voltage	54.4VDC
Charging current max.	8A
Operating temperature	0-50°C
Weight	2.7kg
Dimensions (H x W x D in mm)	82 x 205 x 290



Right picture: rear view of EFFEKTA® charger model 24-14 (24V, 14A) with fan, solid cable and fuse