



Battery Chargers

XS series

Battery Chargers of the XS series

Battery Chargers of the XS series are – depending on the type – designed for charging of 12 volts batteries (lead-acid) with a capacity of 2 to 120 ampere hours (Ah).

Fields of application: cars, diesel-cars, vans, mobile homes, scooters, motorbikes, quads, motorboats, sailing boats, sporting aeroplanes, modelling, lawn mowers, and many others.

Additionally the units can be furnished with one or two selector switches. The following switches are available:

- a) Charging of 6 volts or 12 volts batteries
- b) Charging of car or motorbike batteries
- c) Charging of batteries with high or low capacity

The battery chargers of the XS series are supplied in the classic,

robust metal casing with non-slip rubber feet and a handle. If desired a device for winding up the power and battery cables is arranged on the backside of the casing.

For charging of maintenance free batteries (SLA, VRSLA, AGP, GEL) we recommend our series XE, YE, and ZE.

We will be pleased to assist you to select the appropriate charger.

Types and technical details

	XS 600	XS 800	XS 1000	XS 1200
Mains voltage	230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz
Charging voltage	12 V or 6/12 V	12 V or 6/12 V	12 V or 6/12 V	12 V
Protection class	II	II	II	II
Charging characteristic	W acc. to DIN 41 772	W acc. to DIN 41 772	W acc. to DIN 41 772	W acc. to DIN 41 772
Charging current (eff)	6,0 A	8,0 A	10,0 A	12,0 A
Battery capacities	15 Ah-60 Ah	20 Ah-80 Ah	25 Ah-100 Ah	30 Ah-120Ah
With selector switch	Motorbike / Car	Motorbike / Car	Motorbike / Car	
Charging current (eff)	3,0 A / 6,0 A	3,0 A / 8,0 A	3,0 A / 10,0 A	
Battery capacities	5 Ah-20 Ah/ 15 Ah-60 Ah	5 Ah-20 Ah/ 20 Ah-80 Ah	5 Ah-20 Ah 25 Ah-100 Ah	
With selector switch	Battery capacity	Battery capacity	Battery capacity	Battery capacity
Charging current (eff)	3,0 A / 6,0 A	4,0 A / 8,0 A	5,0 A / 10,0 A	6,0 A / 12,0 A
Battery capacities	5 Ah-20 Ah/ 15 Ah-60 Ah	8 Ah-36 Ah/ 20 Ah-80 Ah	10 Ah-40 Ah 25 Ah-100 Ah	12 Ah-45 Ah 30 Ah-120 Ah

Indication of the charging level

The progress of charging is indicated precisely by an analogue voltmeter.

Battery tester

Each unit is equipped with a battery tester which can be used to read the state of charge of the battery with help of a scale in percent and multicoloured state of charge sections.

Protection and safety

The battery chargers are protected against short circuit, overload and

reverse polarity connection of the battery clips. This protection is achieved alternatively by a replaceable 15A flat fuse or a circuit breaker.

The mains - safety transformers comply with the European norms. They are protected against overload, overheating and short circuit by a temperature- and current sensitive component. After cooling down of the transformer and disconnecting from mains the component is set back automatically; the charger is fully operational again.

In addition all chargers are equipped with fully insulated battery clips.

Certification

adamy - battery charger comply with the European Norms and are approved by all European testing laboratories with European and national test marks.