



Battery chargers

YS series

Battery Chargers of the YS series

Battery Chargers of the YS 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.

The chargers can be furnished with an additional selector switch if desired. The following selector switches are available:

- a.) Charging of car or motorbike batteries
- b.) Charging of batteries with high or low capacity

The battery chargers of the YS-series are characterised by their

shapely, impact- and acid resistant plastic housing. 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 YE, ZE and XE.

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

Types and technical details

	YS 600	YS 800	YS 1000	YS 1200
Mains voltage	230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz
Charging voltage	12 volts	12 volts	12 volts	12 volts
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 charging process is indicated by means of two LEDs. A yellow LED indicates that battery charging is in progress. A green LED indicates the end of the charging process.

A red LED shows a malfunction when connecting the battery charger to the battery clips.

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. The transformers 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 chargers comply with the European Norms and are approved by all European testing laboratories with European and national test marks.