

Charge safely and efficiently

Charging a battery should be simple and safe. In order to deliver safe and effective charging, requires a charger of which high quality is the result of well-developed solutions.

Swede Electronics has since the start of its business in 1982 been known to develop well thought through solutions with focus on our customers' needs and requirements. Over the years we have been at the forefront of technical advancement.

We believe that our high standards and our way of working is the reason to why we today are known as a company that offers the right product at the right time.

EC Buddy benefits include:

- » Ergonomic and modern design
- » Build-in data logger
- » Remote monitoring
- » Can recharge very flat batteries
- » Noiseless – no fan
- » Attention with sound
- » Temperature compensated charging
- » High efficiency



- more than battery charging

EC Buddy is a fully automatic, primary switch battery charger with built-in data logger and remote monitoring. You can switch between two different charging characteristics by default, and there is also a reprogramming option if other parameters are required to be changed. It can be advantageously supplied with an internal temperature sensor, which means that the charging program always charges the battery effectively without the risk of over or under charging.

The high security of the charger is achieved through advanced technology. Not least, the charging cables are voltage-free until the battery is securely connected, eliminating the risk of sparking during switching on.

EC Buddy can be set to store key data for the latest charging cycles on a central server. The information can be read out at any time via a computer, tablet or mobile phone with internet access and is used to optimize battery size and consumption pattern, as well as ensure warranty obligations and schedule service visits etc.

Thanks to a fully automatic charging process and precise control of power and voltage levels, we can guarantee that the batteries are charged efficiently with minimal gas and heat generation. Fully discharged batteries are charged with a soft start at low power.

EC Buddy comes in a smart and modern design with an integrated handle and is made of a splash-proof plastic cabinet without fan, which makes it noiseless.

Technical data

Type	ECB-401	ECB-601	ECB-801	ECB-1001
Charging current	4A	6A	8A	10A
Charging voltage	24V 12 cells	24V 12 cells	24V 12 cells	24V 12 cells
Recommended capacity	AGM / Gel 12 - 40 Ah	AGM / Gel 18 - 60 Ah	AGM / Gel 25 - 80 Ah	AGM / Gel 33 - 100 Ah
Mains voltage	230V (184-253V AC)	230V (184-253V AC)	230V (184-253V AC)	230V (184-253V AC)
Mains current	0.9A @ 230V	1.3A @ 230V	1.7A @ 230V	2.2A @ 230V
Charging characteristic	IUoU / IUIoU	IUoU / IUIoU	IUoU / IUIoU	IUoU / IUIoU
Start up voltage	7V	7V	7V	7V
Temperature compensated charging	Option -20°C - +50°C	Option -20°C - +50°C	Option -20°C - +50°C	Option -20°C - +50°C
Remote monitoring	Option	Option	Option	Option
Temperature range	0°C - +40°C	0°C - +40°C	0°C - +40°C	0°C - +40°C
Cable	1.6 m	1.6 m	1.6 m	1.6 m
Weight	1.3 kg	1.3 kg	1.3 kg	1.4 kg
Cooling	Passive, no fan			
Isolation class	II			
Casing class	IP44			
Dimensions (HxWxD)	205 mm x 179 mm x 90 mm			
Standard	EN60335-2-29, EN60601-1, EN12184, ISO7176-14, ISO7176-21			

Materials and specifications are subject to change without notice

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