



WPC

Charge safely and efficiently

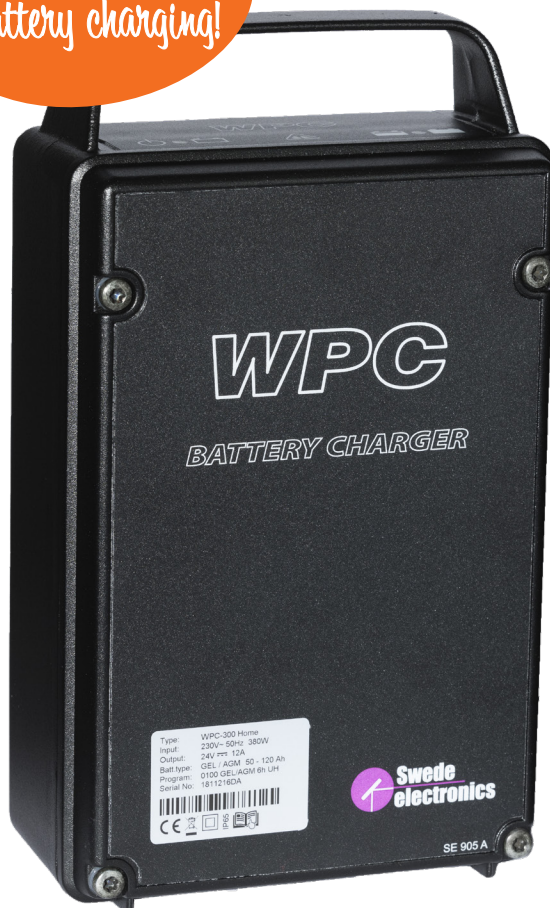
Charging a battery must be simple and safe. In order deliver safe and effective charging, requires a charger of which high quality is the result of well-developed solutions.

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.

More than
battery charging!



WPC benefits include:

- » IP 65 splash protection
- » Build in data logger for 100 charging cycles
- » 15 pre-programmed charging characteristics in Professional and Outdoor model
- » Can recharge very flat batteries
- » Noiseless – no fan
- » Robust aluminum cabinet
- » Temperature compensated charging
- » High efficiency

The WPC charger is a fully automatic, primary switch battery charger with built-in data logger and 15 standard charging characteristics in the Professional and Outdoor models. You can switch between the different charging programs via a dial inside the charger. Furthermore, a reprogramming option exists if other parameters are required to be changed.

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.

WPC Professional and Outdoor store key data for the latest 100 charging cycles that can be read out via a special software that can be purchased as

an accessory. This information can be used to optimize battery size and consumption patterns as well as ensure warranty commitments 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.

The WPC charger is supplied in a robust aluminum cabinet with integrated handle that adheres to IP 65 tightness class which makes it usable in any environment. It is of course without a fan and thus completely silent.

Technical data

Type	WPC Home	WPC Professional	WPC Outdoor
Charging current	4 A to 12 A	8 A to 12 A	8 A to 12 A
Charging voltage	24 V	24 V	24 V
Recommended capacity	AGM/Gel/Lithium 12–120 Ah	AGM/Gel/Lithium 24–120 Ah	AGM/Gel/Lithium 24–120 Ah
Mains voltage	230 V (184–265 V AC)	230 V (184–265 V AC)	230 V (184–265 V AC)
Mains current	Max. 2.2 A @ 230 V	Max. 1.8 A @ 230 V	Max. 1.8 A @ 230 V
PFC	Yes, passive	Yes, active	Yes, active
Number of charging characteristics	1	15	15
Charging characteristic	IUoU / IUoU	IUoU/IUoU	IUoU/IUoU
Temperature compensated charging	No	No	Yes –25°C – +45°C
Data logger	No	Yes 100 charging cycles	Yes 100 charging cycles
Temperature range	0°C – +40°C	0°C – +40°C	–25°C – +45°C
Cable	1.6 m	1.6 m	1.6 m
Weight	2.5 kg	Max. 2.9 kg	Max 2.9 kg
Cooling	Passive, no fan	Passive, no fan	Passive, no fan
Isolation class	II	II	II
Casing class	IP65	IP65	IP65
Dimensions (H x W x D) mm	260 x 154 x 92	260 x 154 x 92	260 x 154 x 92
Standard	EN 60335-2-29 EN60601-1, EN12184 ISO7176-14, ISO7176-21	EN 60335-2-29 EN60601-1, EN12184 ISO7176-14, ISO7176-21	EN 60335-2-29 EN60601-1, EN12184 ISO7176-14, ISO7176-21

Materials and specifications are subject to change without notice.



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