

## Charge safely and efficiently

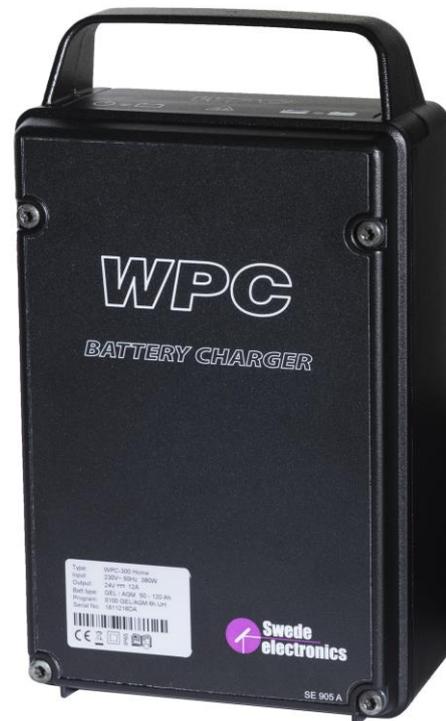
Charging a battery should be simple and safe. In order to deliver safe and effective charging, requires a charger of which high quality is the result of well-developed solutions.

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.

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 aluminium cabinet
- » Temperature compensated charging
- » High efficiency



- more than battery charging

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 blower and thus completely silent.

## Technical data

Type	WPC Home	WPC Professional	WPC Outdoor
<b>Charging current</b>	4A to 12A	8A to 12A	8A to 12A
<b>Charging voltage</b>	24V	24V	24V
<b>Recommended capacity</b>	AGM / Gel / Lithium 12 - 120 Ah	AGM / Gel / Lithium 24 - 120 Ah	AGM / Gel / Lithium 24 - 120 Ah
<b>Mains voltage</b>	230V (184-265V AC)	230V (184-265V AC)	230V (184-265V AC)
<b>Mains current</b>	Max. 2.2 A @ 230V	Max. 1.8A @ 230V	Max. 1.8A @ 230V
<b>PFC</b>	Yes, passive	Yes, active	Yes, active
<b>Number of charging characteristics</b>	1	15	15
<b>Charging characteristic</b>	IUoU / IUIoU	IUoU / IUIoU	IUoU / IUIoU
<b>Temperature compensated charging</b>	No	No	Yes -25°C - +45°C
<b>Data logger</b>	No	Yes 100 charging cycles	Yes 100 charging cycles
<b>Temperature range</b>	0°C - +40°C	0°C - +40°C	-25°C - +45°C
<b>Cable</b>	1.6 m	1.6 m	1.6 m
<b>Weight</b>	2.5 kg	Max. 2.9 kg	Max. 2.9 kg
<b>Cooling</b>	Passive, no fan		
<b>Isolation class</b>	II		
<b>Casing class</b>	IP65		
<b>Dimensions (HxWxD)</b>	260 mm x 154 mm x 92 mm		
<b>Standard</b>	EN60335-2-29, EN60601-1, EN12184, ISO7176-14, ISO7176-21		

Materials and specifications are subject to change without notice

Head Quarter:  
Swede Electronics AB  
Fabriksvägen 8  
SE-786 33 Vansbro

Contact:  
Tel.: +46 281-304 00  
Web: [www.swedeelec.se](http://www.swedeelec.se)  
E-Mail: [info@swedeelec.se](mailto:info@swedeelec.se)

Sales Office Europe:  
Sønderbyvej 11, DK-6950 Ringkøbing  
Tel.: +45 53701017  
E-Mail: [poul.kjaer-jensen@swedeelec.se](mailto:poul.kjaer-jensen@swedeelec.se)