

## POWER SERVICE BASIC

**CODE**  
**SEE THE TABLE**



ELECTRONIC  
BATTERY  
CHARGER  
WITH  
DESULPHATISING  
EFFECT

**POWER SERVICE  
IS THE ORIGINAL  
AND PATENTED  
ONE**

**POWER SERVICE BASIC** is the special electronic charger for 12V/24V batteries, fast and easy to install, which enables to keep always in full efficiency the service batteries of any vehicle uses it.

**ADVANTAGES:** charges the service batteries at actual 100%, reducing of more than half the charging time.

**REASONS:** 1) Load Curve specific for service batteries. 2) Charging management by microprocessor. 3) Impulse charge with desulphation phase. 4) Suitable for any typology of battery 5) Recharges up to 35Ah each travelling hour.

### MODELS AND TECHNICAL SPECIFICATIONS

MODELS	Pws 4-20	Pws 4-25	Pws 4-30	Pws 4-35	Pws 12-24	Pws 24-15
Max charging amperage	20	25	30	35	15	15
Charging Voltage	14,5 - 14,8	14,5 - 14,8	14,5 - 14,8	14,5 - 14,8	28,0 - 29,2	28,0 - 29,2
Max consumption input / C 14V	315w	395w	475w	555w	315w	470w
Supply Voltage	> di 13	> di 13	> di 13	> di 13	> di 13	> di 26
Impute blade fuse	40A	40A	50A	50A	50A	25A
Output blade fuse	25A	30A	40A	40A	30A	20A
Activation	D+ of generator +/- 14v					+/- 28v
Anomaly - alarm	Optical and acoustic					
Yield	Over 93%					
Dimension mm.	198*170* 68(h)					
Weight (Kg.)	1,5					

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**POWER SERVICE BASIC** is a special electronic charger for 12V and 24V batteries of the types liquid electrolyte, gel or A.G.M., with minimum capacity of 40Ah.

When installed on any vehicle equipped with alternator or dynamo, with nominal voltage of 14V and 28V, or connected to another supply source of DC current, it is able to perform and manage in a totally automatic way the recharge at 100% of any service battery and not, with very shorter time compared with traditional systems.

**POWER SERVICE BASIC** uses a recharging system with constant-voltage and constant-current charge. This type of charge produces a desuphation effect indispensable for the duration and the life of the batteries.

**POWER SERVICE BASIC** is ideal in all those situations in which it necessary to keep in perfect charge the service batteries, particularly on Camper, Autocaravan, craft and on any other vehicle that uses additional batteries to supply several appliances.

## REASONS TO CHOOSE POWER SERVICE BASIC

The service batteries installed on Camper, Autocaravan and Craft are used for 'cyclic use' (Deep Cycle), that is they are charged and discharged cyclically.

The batteries used for starting, on the contrary, are always charged. Due to this different use, in fact, the two types of batteries have to be charged in two different ways:

- **THE STARTER BATTERIES** are kept charged by the alternator which is NOT a battery charger, but rather a generator which supplies current (Amperes) at the time that the vehicle needs it, keeping the batteries always charged.

- **THE SERVICE BATTERIES** when discharged need a different charging parameter compared with starter battery, what the alternator is not able to perform correctly, this is why they need a battery charger.

**POWER SERVICE IS A BATTERY CHARGER** which uses the current from the alternator, converting it in a load curve suitable for the service battery, extending his life also thanks to the desulphation effect.

## MINIMUM ALTERNATOR POWER

55A      70A      90A      100A

PWS 20

PWS 25

PWS 30

PWS 35

POWER SERVICE RECOMMENDED

The convenience to have always on your vehicles the service batteries charged at 100% in shorter time.

