

# POWERSUPPLIES

## 4-step intelligent Lead Acid charger 50W



- 4 segment led indicator showing charging status
- Suitable for 3 – 35Ah SLA, AGM and GEL batteries
- Very compact size
- Manufactured according to EN60335
- AC input IEC320 C14 or C8

When connecting the charger to mains voltage the "Power led" lights up.

Step 1 (Ud): De-sulphatation of the battery by pulsating voltage, 18V (only for the 12V model).

Step 2 (Im): Bulk charging starts with C.C. (constant current). Step 3 (Uo): Bulk charge with C.V (constant voltage 14.7V for 12V model) until battery is fully charged. Step 4 (Up): Float charge – maintain charging.

### Technical data:

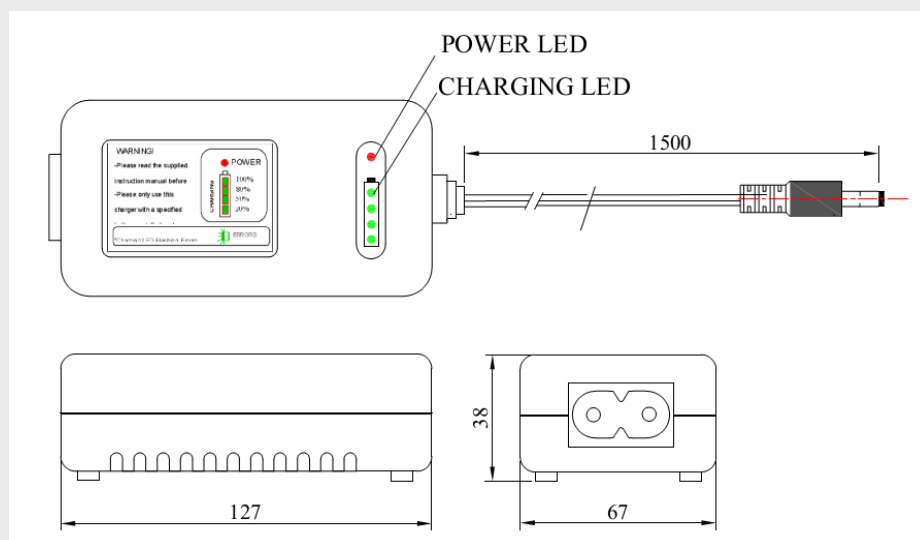
#### Input:

Input voltage:	90-264VAC – 2pol IEC320 / C8
Frequency:	47-63 Hz
Input current max:	1.1A
Back current drain:	<1.3mA

#### Output:

Charge voltage:	See below table
Charge current:	See below table
Charging steps:	Ud (12V model) – Im (C.C.) – Uo (C.V.) – Up (Maintain)
Ripple:	<200mV max
Efficiency:	>80%
Short circuit protection:	Auto recovery (all green led blinking)
Polvändningsskydd:	Auto recovery (all green led blinking)
Temperature range:	-20°C...+50°C
Plug and cable	1.5m, all kind of plugs are available
Size:	120x67x38mm
Weight:	270g
Safety and EMI:	CE, EN60335

### Mechanical drawing:



### Ordering information:

Type	Battery	Charging voltage	Charging current
PLAC-50-12V	12 V	14.7 VDC	2.0 A
PLAC-50-12V	12 V	14.7 VDC	3.3 A
PLAC-50-24V	24 V	29.4 VDC	1.5 A