



BATTERIE CHARGERS

AQ-TRON



This microprocessor controlled battery chargers don't only charge your batteries correctly, but also prolong the battery life!

The chargers work in 5 phases:

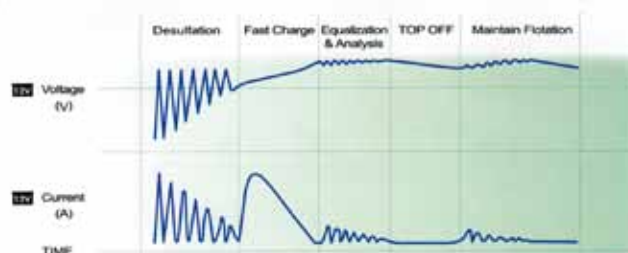
- 1) **Desulfation:** recovers a deep discharged or lightly sulfated battery.
- 2) **Fast charge:** the battery will be charged up to 75 % in the fastest and most efficient way.
- 3) **Equalisation:** when the battery is charged for 75%, the charger switches to a charge mode which charges the battery in a safe way.
- 4) **End charge:** the battery will be fully charged without over-charging!
- 5) **Maintenance:** makes that the battery stays fully charged.

These chargers are appropriate for charging 12V batteries: SLI / VRLA / GEL / AGM / Calcium-Calcium / Spiral Cell.

COMPARISON TABLE

	REF.	BAT/36549	BAT/38942	BAT/36550	BAT/36551	BAT/36552	BAT/35952	BAT/40486	BAT/40488
Voltage		12V Batt.	12V Batt.	12V Batt.	12V Batt.	12V Batt.	12V Batt.	24V Batt.	24V Batt.
Amperage		1.5 Amp	3 Amp	5 Amp	2/12 Amp	5/30 Amp	5 Amp	2,5 Amp	4 Amp
Input 220 ~ 240 Vac		•	•	•	•	•	•	•	•
Motor Starting						90 Amp			
high frequency		•	•	•	•			•	•
Controlled by microprocessor		•	•	•	•	•	•	•	•
5-phase charges		•	•	•	•				
Several batteries							4 ports		
IP 65 (protected against dust / splash / rain)		•	•	•	•	•		•	
Protected against short circuits		•	•	•	•	•	•	•	•
Protected against overcharging		•	•	•	•	•	•	•	•
Displaying Amp / Voltage						•			
Charge voltage adjustable						•			

THE VOLTAGE



BATTERY CHARGER - SELECTION TABLE

Battery Charger Voltage	BAT/36549 1.5 Amp - 12V	BAT/36551 2/12 Amp - 12V	BAT/38942 3 Amp - 12V	BAT/36550 - BAT/35952 5 Amp - 12V	BAT/36552 30 Amp - 12V
CCA					
100	✓ 5 hrs	✓ 3.8hrs	✓ 2.6hrs	×	×
120	✓ 6hrs	✓ 4.5hrs	✓ 3.2hrs	×	×
200	Maintain	✓ 8hrs	✓ 6hrs	✓ 3.5hrs	×
300	Maintain	✓ 2hrs	✓ 8hrs	✓ 6hrs	×
400	Maintain	✓ 3.3hrs	✓ 11hrs	✓ 7.5hrs	1.5hrs
500	Maintain	✓ 4.2hrs	15hrs	✓ 10hrs	✓ 1.8hrs
600	Maintain	✓ 5hrs	18hrs	12hrs	✓ 2.2hrs
750	×	✓ 6.5hrs	23hrs	15hrs	✓ 2.8hrs
Deep Cycle	Maintain	✓	✓	✓	✓

● Recommended
 ● Can be used
 ● Not recommended



Ref.	V	A	Dim. mm	kg
BAT/36549	12	1.5	130 x 60 x 50	0.55
BAT/38942	12	3	130 x 60 x 50	0.55

Ref.	V	A	Dim. mm	kg
BAT/36550	12	5	160 x 96 x 54	0.85
BAT/40486	24	2.5	160 x 96 x 54	0.85

Ref.	V	A	Dim. mm	kg
BAT/36551	12	2-12	195 x 124 x 68	1.4
BAT/40488	24	4	195 x 124 x 68	1.4



▲ BAT/36552

12V - 4A-30A (90A engine start)
 Size: 200 x 200 x 130 mm
 Weight: 6.3 kg

▲ BAT/35952

Automatic battery charger, suitable to charge 4 batteries simultaneously

12V - 5A

Appropriate for maintenance charges, recovery charges and standard charges. For lead acid batteries: SLI, open lead-acid batteries, maintenance-free batteries (MF), AGM-batteries and GEL batteries.

Microprocessor controlled.

LED indication: red & green.

Protected from: reversed polarity, sparks and overcharges.

Stable output.

Less warmth consumption.

Input voltage: 220Vac-240Vac

Output voltage: 12Vdc

Size: 492 x 183 x 103