

Automatic  
BATTERY  
CHARGER  
With  
microprocessor

6 - 12 - 24 V

# BATIUM 25-24

  
SYNERGY

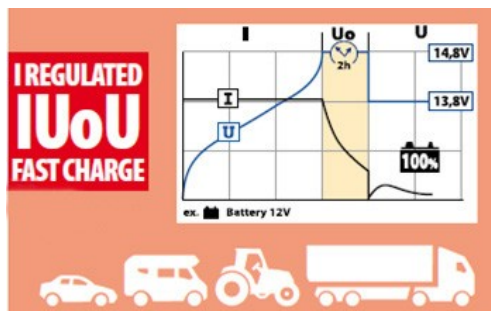
35 ▶ 180 Ah  
LIQUID



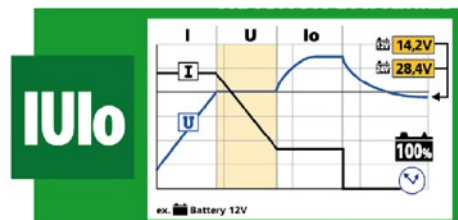
35 ▶ 350 Ah  
GEL/AGM/VRLA/LIQUID



Ref. **024533**



automatic charge.



**Its specific charging curve ensures an optimal charging without supervision.**

100% charge necessary time for discharged batteries up to 80%		
≤ 8h	45 Ah ▶ 120 Ah	
≥ 14h	120 Ah ▶ 180 Ah	

To charge fork-lifts, auto-washers, pallet trucks... which contain lead acid traction batteries from 35 Ah to 180 Ah.

Nb: In general, power assisted maintenance and cleaning devices have 180 Ah lead acid batteries maximum.



The charge is **automatic/without supervision**. Once the charge process is finished, Batium maintains the charge level and can remain connected to the battery permanently.



Batium is a microprocessor controlled **smart charger** that constantly analyses the state of the battery and regulates the charge according to the battery's needs. It compensates the mains voltage variations and indicates eventual battery voltage failures. The last charge settings are saved automatically.



**Protection of the on-board electronics.** No need to disconnect the battery from the vehicle. No current is supplied to the clamps unless they are connected to the battery terminals.



Batium ensures a **100% charge** of all lead-acid batteries (IwUoU curve). A standard "automatic" charger, W2 or WU curve, charges up to 90% only.



50% shorter time compared to a **traditional charger**. Batium ensures an ultra-quick and safe charge, by providing a **constant average current** during 'boost' phase.











**Deeply discharged batteries** that are still in a good state of health (eg: lights on when the vehicle is stopped) could have a voltage as low as 1V. Batium can **charge from 1 volt**, whereas most chargers can not.



Batium features a function for batteries that have started a **sulphatation process**, and cannot be recharged with a normal charge. The Batium's **SOS RECOVERY** delivers a specific cycle of **regeneration charge**.

CE EN 60335-2-29

 50/60Hz			 Reg	EFFICACE /RMS	MOYEN/AVERAGE			 FUSE			 SOS RECOVERY
230V	1150W	6-12-24V	3	37A	7A	15A	25A	-	28x42x23 cm	13,4 kg	✓

MADE in FRANCE

[www.synergysrl.eu](http://www.synergysrl.eu)