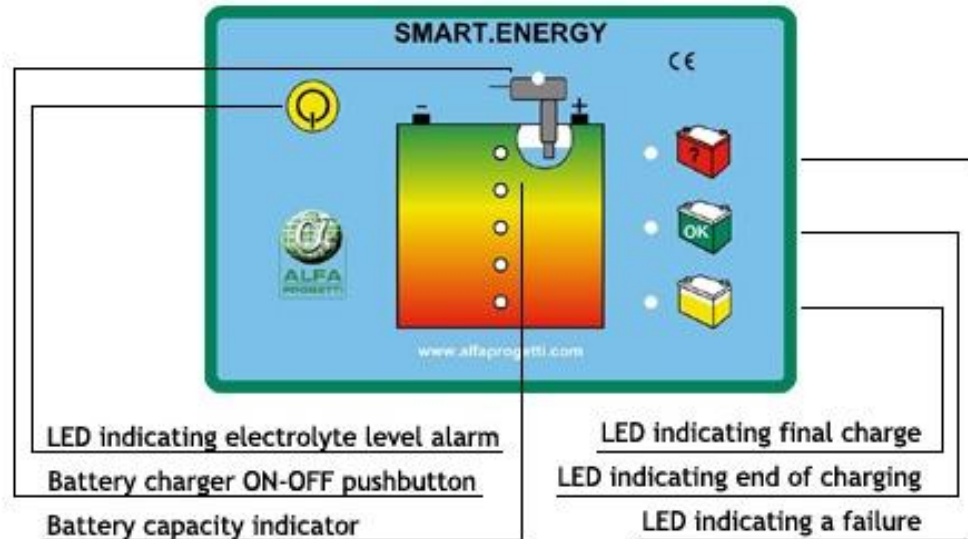


## Smart.Energy

### SmartEnergy - Charging system controlled by Smart.IC II

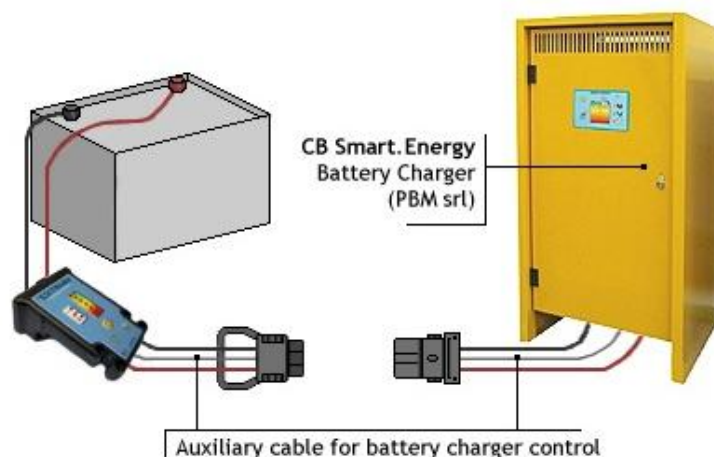


#### Features:

- It charges batteries during the cheapest hours:  
The charging process is programmed so as to begin when energy cost is very low.
- It charges only the necessary energy:  
Only is the energy reinstated necessary to charge completely the battery, thus avoiding any useless overcharging and saving energy.
- It makes battery life longer:  
Reinstating only the necessary energy, harmful overcharges are avoided and water topping-up is reduced.
- The system is suitable for all conventional battery chargers.

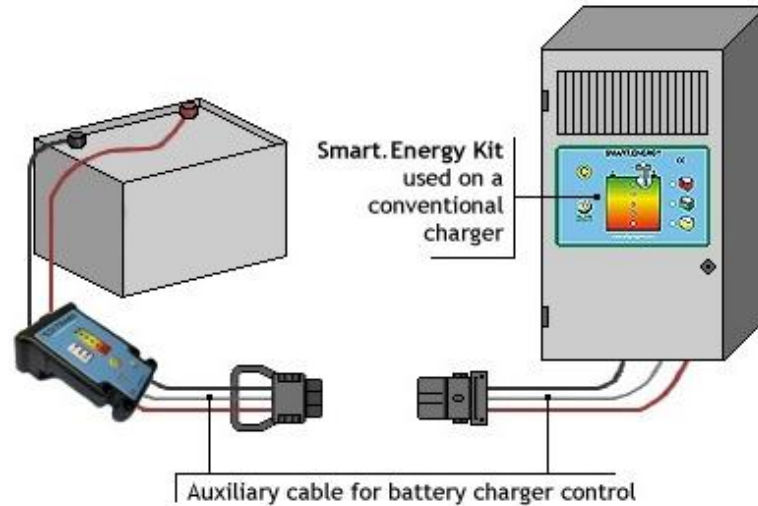
#### Smart.IC II + Smart.Energy Battery Charger

Smart.IC II manages the charging process performed by the Smart.Energy battery charger through serial communication of voltage and current values, and of charge state.

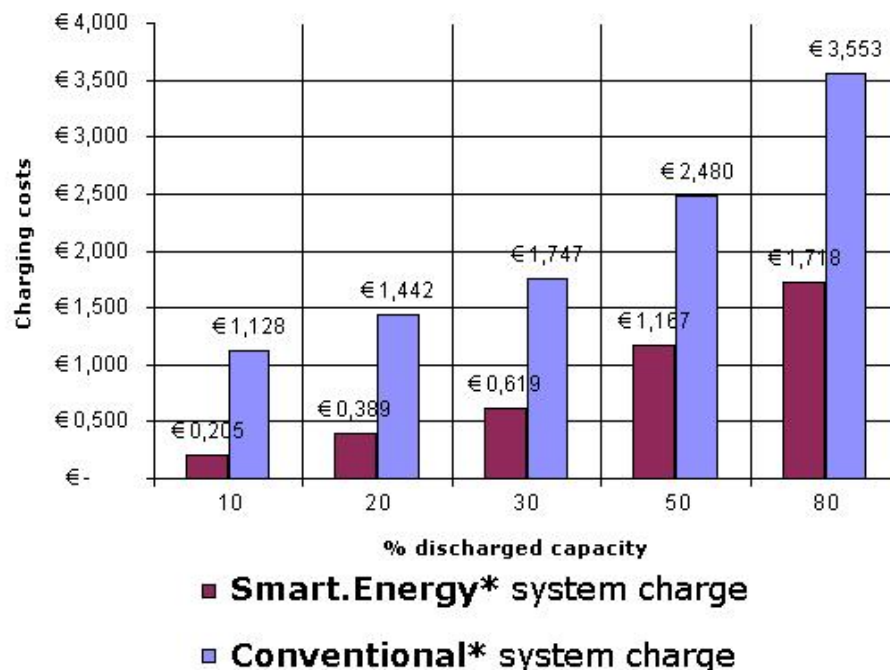


### KIT Smart.IC II + Smart.Energy for conventional battery chargers

The Smart.Energy panel can be mounted on any conventional charger, allowing it to benefit from the advantages offered by Smart.Energy



Using Smart.Energy you can save more than 50% on charging costs in comparison to a conventional charger



\*Discharge percentage on a 1.5 ton lift truck with a 24V 1000Ah battery

The Smart.Energy system is made up of:

AP876: serial adapter RS485 for Smart.IC II with cable

AP877: panel and electronic card of the Smart.Energy Battery Charger