

SIMPLY THE MOST USER FRIENDLY BATTERY CHARGER IN THE WORLD

- now everyone can recharge
their own batteries



SmartCharge





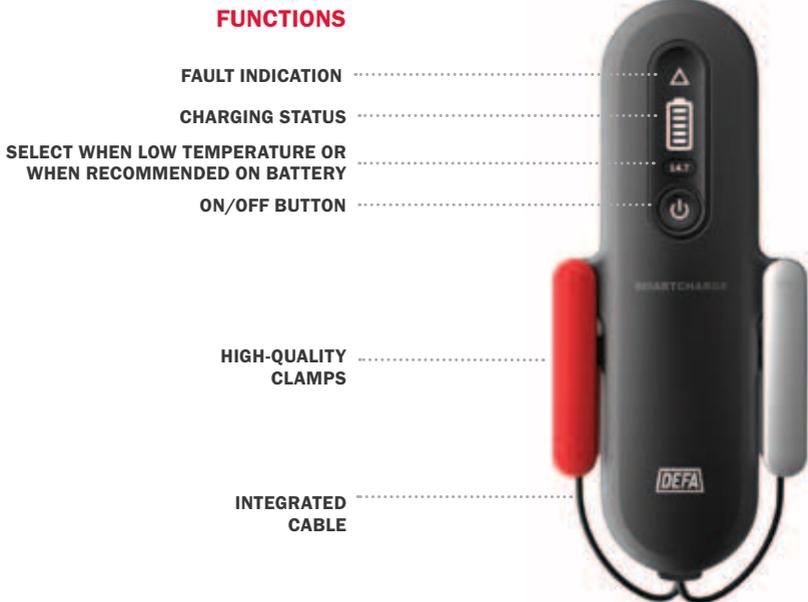
DEFA SmartCharge is the simplest way to a fully charged battery. Insert the plug, attach the clamps to the battery terminals and press the ON button. The battery will do the rest automatically. No sparks, no overloading, no settings required.

DEFA SmartCharge

Everyone should have a DEFA SmartCharge in their car, boat or home, in fact anywhere where you might need to charge a battery occasionally and that applies to most homes of course. They are ideal for the car, boat, motorbike, snow blower, lawnmower or moped, as well as snow scooters with an electric starter motor. In particular, equipment with small batteries that is not used on a daily basis should be recharged regularly. You won't find a simpler and safer battery charger than the SmartCharge.

When we developed the DEFA SmartCharge, we wanted to make it safe and easy to recharge the battery:

- ▶ Just one button: ON or OFF.
- ▶ Spark-free connection.
- ▶ User-friendly display with backlight for legibility.
- ▶ No risk of overloading.
- ▶ IP 65, can be used outdoors and in damp environments.
- ▶ Temperature-compensated charging process.
- ▶ Adapts to the battery automatically.
- ▶ Easy to see the status of your battery.
- ▶ Integrated cable storage solution.
- ▶ Can be fitted with a separate accessory to make battery charging even easier.



Product description

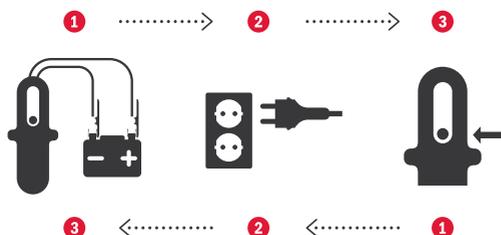
DEFA SmartCharge is an elegant and practical little charger – but it is also very clever. Very clever in fact. It can recognise the type of battery you are connecting it to and adjust the charging process to suit the battery's charge status, size and ambient temperature conditions.

DEFA SmartCharge has a clear display that shows the status of charging and the battery charge level. All you have to do is attach the clamps to the battery terminals, without any risk of generating sparks. You then insert the plug into the socket and press the ON button. When you have finished, wind the cables around the charger and the compact, elegant DEFA SmartCharge will be ready for immediate use next time.

DEFA SmartCharge has only one button – ON/OFF.



3 SIMPLE STEPS FOR CHARGING YOUR BATTERY!



 Suitable for all types of LEAD/ACID batteries: GEL, AGM, freely ventilated.

14,7 Higher voltage option for special batteries (e.g. Calcium and Silver).



You never know when you are about to have a flat battery – and when you do find out it is particularly irritating. A fast and practical charger is the only solution if you do not want to have to call for assistance. When we use our car every day, it puts a strain on the battery. Most people normally only drive short distances and starting the car each time takes a lot of power out of the battery. Using the car radio, air-condition system and lights and recharging mobile phones through the cigarette lighter also puts a strain on the battery. Being a car battery is a tough job – and it is simply not possible to see whether a battery is almost fully charged or discharged.

YOU CAN SIMPLY SOLVE THIS PROBLEM WITH DEFA SMARTCHARGE

Attach the clamps to the battery terminals, insert the plug into the socket and press the ON button. DEFA SmartCharge will take care of the rest. The display will indicate when the job is done. You then simply wind up the cables around the charger and the SmartCharge will be ready for immediate use next time.

PERFECT FOR CARS THAT ARE PUT AWAY FOR THE WINTER!

Many cars are only used during the summer and these need a special type of recharging. Some cars can lose important information and settings if the battery is disconnected completely. DEFA SmartCharge can solve this problem too – you can use it as a power supply when changing the battery and you can also leave it on continuously, as it will never overload the battery. In such cases, we recommend that you install a DEFA 12V Charging Socket somewhere suitable, such as in the boot, and connect the SmartCharge to this. The charging socket can be used like a normal 12V power socket when not in use for charging, e.g. for a cooling box or DVD player or for charging your mobile phone.



Attach the clamps to the battery terminals, insert the plug into a power socket and press the ON button.



DEFA 12V Charging Socket can be used to recharge your battery or as a power supply when you need it.



SmartCharge is ideal for cars that are put in storage for the winter, keeping the battery topped up all winter, e.g. through a retrofitted DEFA 12V Charging Socket.





Today, most outboard motors have an electric starter motor, yet very few boats are used in a way which gives trouble-free starting throughout the season. The reason is often that the battery lacks sufficient power to turn the starter motor over and is in need of recharging. DEFA SmartCharge is the obvious solution because it is simple and easy to take on board the boat.

WITH A DEFA 12V CHARGING SOCKET FITTED TO THE BOAT, YOU CAN RECHARGE THE BATTERY WITHOUT CONNECTING THE CHARGER DIRECTLY TO THE BATTERY

This is the perfect solution for boats between 13 and 22 feet. Some boats are now supplied with a DEFA 12V charging socket installed as standard. It is also very easy to retrofit. With a charging socket fitted, you can easily connect up the SmartCharge instead of having to connect the individual battery terminals. It doesn't get any simpler. The socket can also be used to supply power for a cooling box, mobile phone charger, MP3 player, etc.

THE DEFA 12V BATTERY INDICATOR SHOWS THE STATUS OF THE BATTERY

A simple and useful accessory is the DEFA 12V Battery indicator. Simply insert it in a DEFA 12V charging socket or another 12V outlet, where available, and you can read the status of your battery. If the yellow or red light is illuminated, just take out your SmartCharge. If the green light is illuminated, the battery does not need charging.

BATTERY INDICATOR



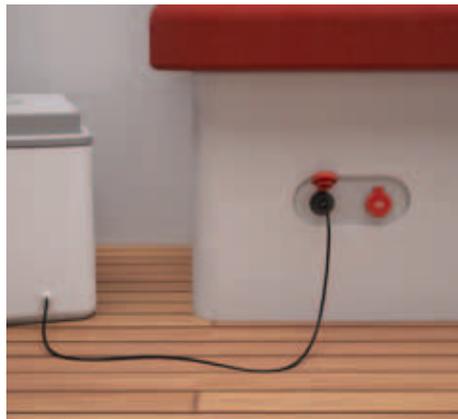
Boat



DEFA 12V Charging Socket can also be used as power supply.



DEFA SmartCharge will charge the battery optimally and warn you in the event of a battery fault.



The conveniences fitted to modern pleasure craft demand a healthy battery.

Other vehicles



It is a long time since small vehicles were fitted with a cord or kick starter. Today, even small mopeds have an electric starter motor and many people find that this luxury is useless with a flat battery. If you have a motorbike, snow scooter or ATV, you will know exactly what we are talking about. If you fit a DEFA 12V Mini Charging Cable, you can easily set the vehicle to charge using your SmartCharge. The SmartCharge will then not only charge the battery optimally; it will also perform a battery check both before and after charging – and warn you if anything is wrong with the battery.

CHARGER CABLE WITH INTEGRATED BATTERY INDICATOR

The charger cable is connected to the battery and simply placed somewhere where it will be visible. The visible end is not just a dirt-cap to prevent dirt and moisture from getting into the charger socket; it is an extremely practical battery indicator! It will enable you to check the status of the battery easily using the red, yellow or green lights. Could it get any easier?



Other vehicles



Using a DEFA 12V Mini Charging Cable, you can easily check the status of, and charge, your battery.



DEFA 12V Mini Charging Cable.

This is how it works- but we recommend you let the charging cable hang so that it is easily accessible. That way you won't have to find your way to the battery in order to charge it.



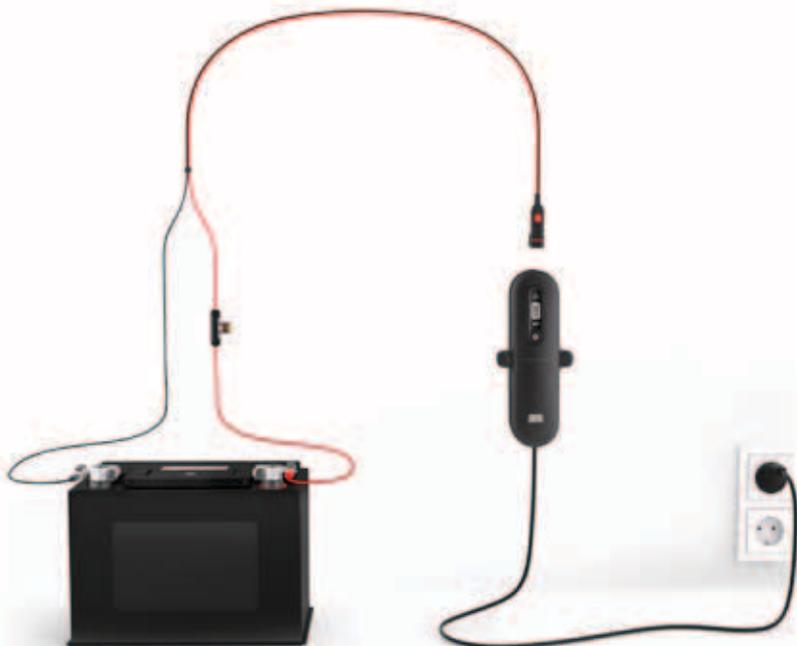
Small engines



The modern home is full of comfortable tools and aids to perform both big and small tasks alike, e.g. snow blowers, lawn mowers, small tractors, etc. Common to many of them is the fact that they have a small, but essential, electric starter motor. Having an electric starter motor means there must be a small battery too, and – just like large batteries – a small battery can become fully discharged and need charging.

CHARGING CABLE WITH INTEGRATED BATTERY INDICATOR

DEFA 12V Mini Charging Cable is easily connected to the battery. The visible end is not just a dirt-cap to prevent dirt from getting into the charging socket; it is an extremely practical battery indicator! The battery indicator will show the status of the battery via the red, yellow or green light. DEFA 12V Charging Socket can also be used with this type of equipment and is easily secured in a visible place with a bracket that is either supplied or integrated. Could it get any easier?



Small engines



DEFA SmartCharge adjusts itself to the type of battery and ensures optimal charging no matter what.



DEFA 12V Charging Socket can easily be retrofitted to most equipment.



The charging cable should be kept easily accessible, so that you don't have to find your way to the battery.



DEFA SmartCharge accessories

DEFA SmartCharge is designed to make recharging easy. We have therefore developed a range of accessories to make the job even easier. With a DEFA 12V Charging Socket or DEFA 12V Charging Cable, you won't even need to find your way to the battery in order to connect it to the SmartCharge.

DEFA 12V CHARGING SOCKET

- ▶ Primary areas of use:
boat, snow blower, lawn mower.
- ▶ Can be used as a charging socket for the SmartCharge.
- ▶ Can be used to recharge mobile phones or to provide a power supply for cooling boxes, etc.



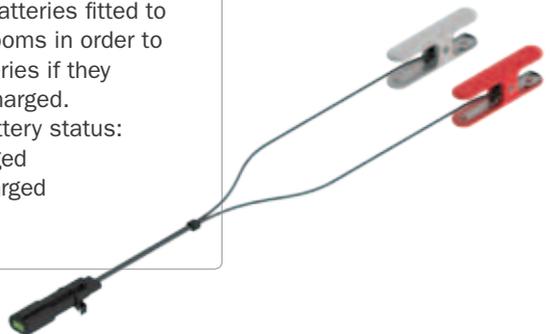
DEFA 12V CHARGING CABLE

- ▶ SmartCharge Charging Cable for DEFA 12V Charging Socket.



DEFA 12V MINI CHARGING CABLE WITH CLAMPS

- ▶ Primary areas of use: showrooms, etc
- ▶ Used to monitor batteries fitted to vehicles in showrooms in order to recharge the batteries if they become fully discharged.
- ▶ Light indicates battery status:
 - Must be recharged
 - Should be recharged
 - OK



DEFA SmartCharge accessories

DEFA 12V BATTERY INDICATOR

- ▶ Primary areas of use:
In a DEFA 12V Charging Socket/
12V charging socket.
- ▶ Light indicates battery status:
 - Must be recharged
 - Should be recharged
 - OK



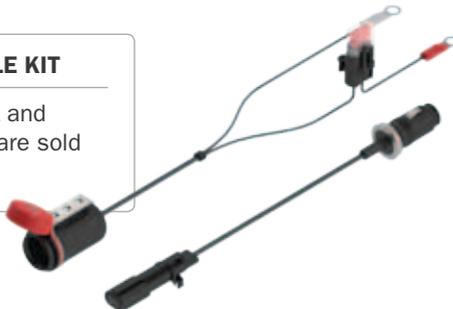
DEFA 12V MINI CHARGING CABLE

- ▶ Primary areas of use:
MC, ATV, snowblower, lawn mower etc.
- ▶ For fixed installation on various
equipment.
- ▶ Light indicates battery status:
 - Must be recharged
 - Should be recharged
 - OK



DEFA 12V CHARGING CABLE KIT

- ▶ DEFA 12V Charging Socket and
DEFA 12V Charging Cable are sold
as a complete set.





SmartCharge



defa.com