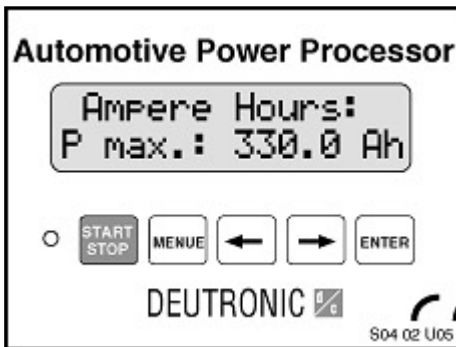


5. Attach the battery cables to the battery.



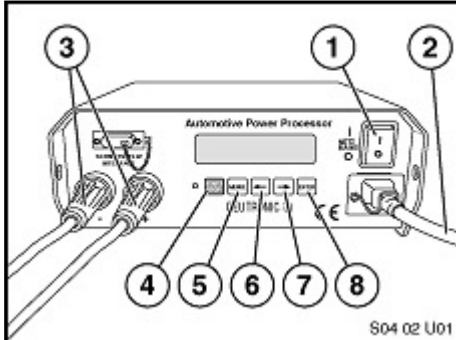
6. The amp hour screen is displayed.

7. Adjust the amps to ~15% above the rating on the battery with the arrow keys (refer to the battery chart at the end of this SI). If the amps are set lower than the batteries' specified value, the battery will not be fully charged.

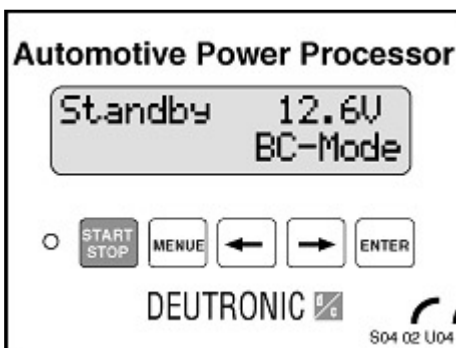
8. Press "Enter".

9. "Please wait" is displayed.

10. Charging starts.



11. To stop the charging process, press "Start/Stop" (4).



12. "Standby" is displayed. The charger can be reactivated from here by pressing "Enter" or turned off by pressing the power switch.

MISCELLANEOUS NOTES

- When the battery is fully charged (under BC mode), the charger will automatically switch over to a float charge.

- The charger will identify operational malfunctions such as short circuits, over and undervoltage, contact problems with the charging clamps, and overheating of the charger due to poor heat dissipation. (It is helpful on hot days to make a fan blow on the charger for long-duration charging. These problems are identified in the charger display.)
- Charging current is only applied after the unit has automatically tested for correct polarity, so that sparking is eliminated.
- The charger starts the charging process at ~45 amps and then lowers itself to 30 amps. This time period is dependent upon the state of the battery and the outside temperature.
- The charger has a built-in fan without fresh air vents to avoid dirt contamination. Cooling is accomplished through a convection process.
- The PS mode allows the battery to be changed without any control module data loss. This results in substantial time savings.
- The charging current is automatically turned off when the clamps are removed.
- Always make sure that the battery clamps are securely tightened at the charger end. Loose clamps will be read by the charger as a power fluctuation and the charger will shut itself off.
- **Always follow battery and/or charger safety rules and precautions.**
- The battery amp hour setting in the PS and BC modes should be set to the following settings. All settings have been adjusted ~15% above the battery rating. Setting the amp hour rating too low on the charger will not fully charge the battery.

Battery label amp hour rating	Charger amp hour adjustment
50	57
55	63
60	69
65	75
70	80
75	86
80	92
85	97
90	103
95	110
100	115
110 (E65)	126 (E65)

NEW WARRANTY

All Deutronic service is handled through SRI. All information for warranty or out of warranty work can be found on their website. To access the information, follow the instructions below.

- Go to www.subsri.com.
- Click "Enter site here".
- Scroll down to the bottom of the page.
- Click on "For BMW Service center information regarding Deutronic Chargers".
- Follow the instructions.