

APPENDIX C

RamFactor Accessories

RamCharger

— RamFactor Battery Backup Option

By now you have probably witnessed the impressive speed of the RamFactor card when used as a RAMdisk. Remember that one of the major disadvantages of a RAMdisk is its volatility. Even a brief power interruption will completely erase the contents of a RAMdisk. The RamCharger Battery Backup Option eliminates this disadvantage and turns the RamFactor into a non-volatile, bootable storage device. Not only does the RamCharger protect the contents of RamFactor's memory during momentary power outages, it provides extended protection against loss of data during long power failures.

RamCharger installation is simple. Plug the AC power cord into any grounded 120 volt wall socket (240v model available) and connect the RamFactor power cable to the RamFactor's power socket.

The RamCharger battery and charger are entirely contained within an attractive case similar to the Disk II case. During normal operation, RamCharger charges its internal battery and supplies power to the RamFactor memory chips. When the AC power to RamCharger is interrupted, RamCharger instantly switches to battery power until the AC power is restored. RamCharger's heavy duty battery can maintain memory on a 1 megabyte RamFactor for about 12 hours. It will keep a 1 Meg RamFactor with a fully loaded 4 Meg Expander attached for up to 7 hours. AC power will maintain RamFactor memory continuously!

RamFactor Size	Power Source	Mem. Maintained
1 Meg Board	RamCharger	Up to 12 hours
5 Meg Board (1 Meg w/ 4 Meg Expander)	RamCharger	Up to 7 hours
1-5 Meg	AC Power	Continuous