

## APPENDIX D: MANAGEUPS TECHNICAL SPECIFICATIONS

Specifications and Features			ManageUPS II	
			Low Power	Standard Power
Hardware	BASE	Network Interface	10Base-T Ethernet — Ethernet Class 1 (DIX) packet format	10/100 Base-T Ethernet — Ethernet Class 1 (DIX) packet format
		Main Processor	Motorola MCF5272 32 bit uController with integrated 10/100 Mbps Ethernet media access controller (MAC)	
		Ethernet Controller		
		Memory	16MB RAM, 4MB Flash memory	
		Power	100mA @ 12 VDC @ 20 MHz	160ma @ 12 VDC @ 66 MHz
		Serial Interface	Two RS232 asynchronous serial ports	
		Regulatory	Complies with FCC Class A emission CE emission and susceptibility requirements	
	+E	AUX Board <i>Blue Bus</i>	Microchip 2515 CAN Controller	
Features	SNMP	Agent	SNMP UPS Agent conforms with SNMPv1 RFCs.  UCD-SNMPd from Berkley OpenSource (BSD) Library (see Open Source acknowledgements in Chloride-Connectivity-License statement under COLLECTIVE WORK, THIRD PARTY MODULES and OPEN SOURCE ISSUES)	
		MIB Support	RFC1213 (MIB-II) is supported.  SNMPv1 compatible UPS Agent supports a SNMPv1 translation of RFC1628 Meets the requirements of the upsFullCompliance module defined in RFC1628  Environment Sensor accessory ( ManageUPS II +E ) is represented by a private enterprise MIB as described in <i>Section VI: Device Settings Environment Sensor Accessory</i>	
	OTHER	Automatic Network Configuration	DHCP client (RFC2131) and Apple Zeron-Configuration networking BONJOUR™ multicast (mDNS) service.	
		Network Access	SNMP, HTTP, Telnet, FTP, Mopnet	
		Network Update	Firmware, OS and Configuration update via FTP, TFTP.	
		Fault messaging	via SNMP Trap and/or email	
		Serial Port Sharing	Pass-through serial router allows ManageUPSnet to share a single UPS communications port with other accessories such as a local diagnostics terminal, PC with UPS software or external modem for remote diagnostics	
		Network Shutdown	Client/Server: Mopnet UPS status server with password authentication: Supports integration with MopUPS UPS monitoring software.	
			Network Shutdown Controller: Issues shutdown commands via network to RCCMD and MopNSA shutdown agents.	
		Out Of Band Access	Dial-In Console mode and Pager dial-out with external modem, or internal modem (+M option).	
		Logging	UPS Data and Event log with WEB-based log viewing utility.	
		Network Configuration Utility	ManageUPS configuration utility enables automatic discovery, configuration guidance and inventory management from a Win2000/XP workstation.	