

SNMP/HTTP

UPS Monitoring and Management Over a LAN, WAN or The Internet

Universal SNMP/HTTP Agent (USHA)

Now you can monitor and manage your Falcon® Electric SG Series UPS across an Ethernet LAN, WAN, Enterprise Network and via the World Wide Web with our Universal SNMP/HTTP Agent board (USHA). Remote SNMP/HTTP UPS management is as easy as inserting our USHA board into the option port provided on the rear panel of every SG Series UPS.

Variable	Value
upsBaseIdentModel	
upsBaseIdentUpsName	
upsSmartIdentFirmwareRevision	1.05Test Rel4
upsSmartIdentDateOfManufacture	07/07/97
upsSmartIdentUpsSerialNumber	01234567
upsSmartIdentAgentFirmwareRevision	1.0
upsSmartIdentUpsType	unknown
upsBaseBatteryStatus	batteryNormal
upsBaseBatteryTimeOnBattery	0
upsBaseBatteryLastReplaceDate	07/07/1997
upsSmartBatteryCapacity	93
upsSmartBatteryVoltage	224
upsSmartBatteryTemperature	340
upsSmartBatteryFullChargeVoltage	240
upsBaseInputPhase	unknown
upsSmartInputLineVoltage	1190
upsSmartInputMaxLineVoltage	1190
upsSmartInputMinLineVoltage	1120
upsSmartInputFrequency	599
upsBaseOutputStatus	onLine
upsBaseOutputPhase	unknown
upsSmartOutputVoltage	1200
upsSmartOutputLoad	16
upsBaseConfigNumDevices	0
upsSmartConfigRatedOutputVoltage	1100
upsSmartConfigShutOffDelay	120
upsSmartConfigUpsSleepTime	2
upsBaseControl	
upsSmartControlTurnUpsOff	noTurnUpsOff
upsSmartControlRebootUps	noRebootUps
upsSmartControlUpsSleep	noPutUpsToSleep
upsSmartControlTurnUpsOnLoad	noUpsSmartControlTurnUpsOnLoad
upsBaseTest	
upsSmartTestDiagnosticSchedule	never
upsSmartTestDiagnostics	noTestDiagnostics

Typical SNMP Management Window

SNMP UPS MIB II Compliant

The USHA board is supplied with a SNMP UPS MIB II compliant "snap-in" management information Base (MIB). The MIB is compatible with HP OpenView and other Network Management Software (NMS).



UPS Management Groups

- [Initial Configuration](#)
- [Date And Time](#)
- [Identification Parameters](#)
- [Comprehensive View](#)
- [Battery Parameters](#)
- [Input Parameters](#)
- [Output Parameters](#)
- [Test Parameters](#)
- [Control Parameters](#)
- [Connected Devices](#)
- [Shutdown Schedule](#)
- [Special Event Schedule](#)
- [Trap Table](#)
- [History Log](#)
- [Event Log](#)
- [Extended History Log](#)
- [MIB-2 System Parameters](#)
- [MIB-2 IP Parameters](#)
- [MIB-2 ICMP Input Parameters](#)
- [MIB-2 TCP Parameters](#)
- [MIB-2 UDP Parameters](#)
- [MIB-2 SNMP Parameters](#)

- [UPS Monitor Applet](#)
- [UPS History Applet](#)
- [UPS Extended History Applet](#)

Embedded HTTP Format Web Page

FEATURES

- View using any internet or SNMP browser
- Three levels of security
- Remote monitoring of all vital parameters
- Remote or programmed shutdown & start-up
- Power history reporting
- Downloadable graphical JAVA applets
- Remote change of UPS parameters
- Automatic in-band notification of UPS alarms (traps)
- Easy to install and configure

Scheduling

Day	Status	Shutdown Time (hh:mm)	Restart Time (hh:mm)
Monday	Disable	23:59	00:00
Tuesday	Disable	23:59	00:00
Wednesday	Disable	23:59	00:00
Thursday	Disable	23:59	00:00
Friday	Disable	23:59	00:00
Saturday	Disable	23:59	00:00
Sunday	Disable	23:59	00:00

No.	Status	Date (dd/mm/yyyy)	Turn Off Time (hh:mm)	Turn On Time (hh:mm)
1	Disable	01/08/1997	00:00	23:59
2	Disable	01/08/1997	00:00	23:59
3	Disable	01/08/1997	00:00	23:59
4	Disable	01/08/1997	00:00	23:59
5	Disable	01/08/1997	00:00	23:59
6	Disable	01/08/1997	00:00	23:59

Traps

Index	IP Address	Community String	Severity Level	Status
1	192.72.173.180	public	Informational	Enable
2	128.100.90.8	public	Informational	Enable
3	0.0.0.0	deleted	Informational	Disable
4	0.0.0.0	deleted	Informational	Disable

