

# 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.

### UPS Management Groups

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Current Utility Line Voltage (Volts)	119.0
Output Voltage (Volts)	121.0
Current Output Load (%)	15
Battery Capacity Remaining(%)	93
Battery Temperature(Celsius)	35.0
Current Input Frequency (hertz)	59.9
Date On UPS (dd/mm/yyyy)	01/01/1970
Time On UPS (hh:mm:ss)	00:11:50



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

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	noUpsSmartToSleep
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).

