

List of Events

The following table lists all of the PowerChute Business Edition events that can be recorded in the [Event Log](#).

- The **N** (for notification) column indicates whether an event causes a notification to be sent.

Note: What form that notification takes depends on the system's configuration profile settings.
- The **S** (for shutdown) column specifies whether an event causes the PowerChute Agent to shut down its system.
- The **SL** (severity level) column states the [Event Severity Levels](#) where
 - **I** stands for Informational
 - **W** stands for Warning
 - **S** stands for Severe

Where appropriate, a link to the description of the status that the event either causes or clears is provided (some informational events neither cause nor clear a status condition).

Event	Status Affected	N	S	SL
Administrative Shutdown Cancelled	System Shutdown Pending	No	No	I
Administrative Shutdown Starting	System Shutdown Pending	Yes	Yes	W
AVR Boost Active	Extended Undervoltage	No	No	W
AVR Trim Active	Extended Overvoltage	No	No	W
Battery Added	None	No	No	I
Battery Charge In Range	Discharged Battery	No	No	I
Battery Charger Failure	UPS Hardware Failure	Yes	Yes*	W
Battery Charger Normal	UPS Hardware Failure	No	No	I
Battery Discharged	Discharged Battery	Yes	No	S
Battery Disconnected	Battery Disconnected	Yes	No	W
Battery Installed	None	No	No	I
Battery Needs Replacing	Replacement Battery Needed	Yes	No	S
Battery Reconnected	Battery Disconnected	No	No	I
Battery Removed	None	No	No	I
Battery Replaced	Replacement Battery Needed	No	No	I
Bypass Ended	UPS On Bypass (Front Panel or Software Command) , UPS On Bypass (Maintenance Switch) , and UPS On Bypass (Hardware Failure)	No	No	I
Bypass Experiencing Internal Fault	UPS On Bypass (Hardware Failure)	Yes	Yes*	W
Bypass Power Supply Failure	UPS Hardware Failure	Yes	Yes	W
Bypass Power Supply Normal	UPS Hardware Failure	No	No	I
Bypass Relay Malfunction	UPS Hardware Failure	Yes	Yes*	W
Bypass Relay Normal	UPS Hardware Failure	No	No	I
Calibration Cancelled	Runtime Calibration in Progress	No	No	I
Calibration Complete	Runtime Calibration in Progress	No	No	I

Calibration Started	Runtime Calibration in Progress	No	No	I
Communication Established	Initializing , UPS Communication Lost , and UPS Communication Lost While On Battery	No	No	I
Communication Lost	UPS Communication Lost	Yes	No	S
Communication Lost While On Battery	UPS Communication Lost While On Battery	Yes	Yes	S
Communication Not Established	Initializing	No	No	W
Contact <n> Fault	Environmental Contact Fault - Contact <n>	Yes	No	S
Contact <n> Normal	Environmental Contact Fault - Contact <n>	No	No	I
Environmental Monitor Communication Lost	Environmental Monitor Communication Lost	Yes	No	W
Environmental Monitor Communication Established	Environmental Monitor Communication Lost	No	No	I
Extended Overvoltage	Extended Overvoltage	Yes	No	I
Extended Undervoltage	Extended Undervoltage	Yes	No	I
Frequent Overvoltage	Frequent Overvoltage	Yes	No	I
Frequent Undervoltage	Frequent Undervoltage	Yes	No	I
Humidity In Range On Probe <n>	Relative Humidity Out of Range (Probe <n>)	No	No	I
Humidity Out Of Range On Probe <n>	Relative Humidity Out of Range (Probe <n>)	Yes	No	W
Immediate Shutdown Initiated due to Insufficient Runtime	None	No	Yes	S
In Maintenance Bypass	UPS On Bypass (Maintenance Switch)	Yes	No	W
In User-Initiated Bypass	UPS On Bypass (Front Panel or Software Command)	Yes	No	W
Insufficient Runtime Available	Insufficient Runtime Remaining	Yes	No	W
UPS in Failure Bypass (hardware failure)		Yes	No	W
Internal Temperature Exceeds Range	Internal UPS Temperature Exceeded	Yes	Yes	S
UPS Internal Temperature Warning	Internal UPS Temperature Exceeded	Yes	No	W
Internal Temperature In Range	Internal UPS Temperature Exceeded	No	No	I
Invalid Shutdown Delay***	None	No	No	I
Inverter Fault	UPS Hardware Failure	Yes	Yes	W
Inverter Normal	UPS Hardware Failure	No	No	I
Low Battery	Low Battery	Yes	Yes	S
Low Runtime Remaining	Low Runtime Remaining	Yes	Yes	W
Main Relay Malfunction	UPS Hardware Failure	Yes	Yes	W
Main Relay Normal	UPS Hardware Failure	No	No	I
Monitoring Started	None	No	No	I
Monitoring Stopped	None	No	No	W
Network Communication Established	Network Communication Lost	No	No	I
Network Communication Lost	Network Communication Lost	No	No	W
Output Load Threshold Exceeded	UPS Load Exceeded Threshold	Yes	No	W
Output Load In Range	UPS Load Exceeded Threshold	No	No	I
Overload	UPS Overloaded	Yes	Yes*	W
Overload Solved	UPS Overloaded	No	No	I

Power Failed	Power Failed	Yes	Yes*	W
Power Returned	Power Failed	Yes	No	I
Self-Test Failed	Self-Test Failed	Yes	No	S
Self-Test Initiated	None	No	No	I
Self-Test Passed	None	No	No	I
Shutdown Sequence Configuration Recommended	None	No	No	I
Site Wiring Fault	Site Wiring Fault	Yes	Yes*	W
Site Wiring Normal	Site Wiring Fault	No	No	I
Sufficient Runtime Available	Insufficient Runtime Remaining	No	No	I
System Shutdown Starting	None	Yes	Yes	W
Temp In Range On Probe <n>	Ambient Temperature Out of Range (Probe <n>)	No	No	I
Temp Out Of Range On Probe <n>**	Ambient Temperature Out of Range (Probe <n>)	Yes	No	S
Time-On-Battery Threshold Exceeded	Time-On-Battery Threshold	Yes	Yes*	W
Shutdown Cancelled	None	No	No	I
Administrative Shutdown Pending	None	No	No	I
Bypass Contactor OK	UPS Hardware Failure	No	No	I
AVR Trim No longer Active	AVR Trim Active	No	No	I
AVR Boost No Longer Active	AVR Boost Active	No	No	I
Bypass Contactor Stuck in Bypass	UPS Hardware Failure	No	No	W
Bypass Contactor Stuck in On Position	UPS Hardware Failure	No	No	W
UPS Outlet Groups require configuration	None	No	No	I

Footnotes:

*	Causes the PowerChute Agent to shut down the system when Preserve Battery Power is selected as the Power-Protection Strategy .
**	You can configure this event to cause a shutdown. See Ambient Temperature Out of Range (Probe <n>) .
***	An invalid shutdown delay value of 0 came from the UPS. PowerChute does not support this value so the delay was reset to the lowest valid value.