How to Control Outlet and Get Status
For Models: WB-300, WB-300VB, WB-700, WB-700CH

Use a program to make a packet request via HTTP protocol

Packet Request:

"GET" \<target\> "HTTP/1.1"CRLF
"Host:" \<host ip\>CRLF
"Keep-Alive: 300"CRLF
"Connection: keep-alive"CRLF
"Authorization: Basic" \<auth\>CRLF ;auth:encoded account(admin:1234) with base-64
"User-Agent: APP"CRLFCRLF

Control Outlet:

Target: "control.cgi?outlet=\<outlet_num\>&command=\<action_code\>"

Parameter Description:

Model: WB-300-IP-3
      outlet_num: 0 / 1 / 2 / 3;
            0 means outlet all (only support reset command),
            1 means outlet 1,
            2 means outlet 2,
            3 means outlet 3

Model: WB-300VB-IP-5
      outlet_num: 0 / 1 / 2 / 3 / 4 / 5;
            0 means outlet all (only support reset command),
            1 means outlet 1,
             2 means outlet 2,
            3 means outlet 3 …

Model: WB-700-IPV-12 / WB-700CH-IPV-12
      outlet_num: 0 / 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 11 / 12;
            0 means outlet all (only support reset command),
            1 means outlet 1,
             2 means outlet 2,
            3 means outlet 3 …

All Model:
      action_code: 0 / 1 / 3 / 4 / 5;
            0 means power off,

1 means power on,
3 means power reset (available only when outlet is on),
4 means auto reboot on,
5 means auto reboot off

Example:
control.cgi?outlet=1&command=3 (Outcome: outlet 1 reset)

Packet Response: (XML format)

Model: WB-300-IP-3:
"<?xml version='1.0'?>"
"<request>"
"<outlet_status>"{OUTLET1}","{OUTLET2}","{OUTLET3}"</outlet_status>"
"<auto_reboot>"{AUTO_REBOOT}"</auto_reboot>"
"</request>"

Model: WB-300VB-IP-5:
"<?xml version='1.0'?>"
"<request>"
"<outlet_status>"
{OUTLET1}","{OUTLET2}","{OUTLET3}","{OUTLET4}","{OUTLET5}
"</outlet_status>"
"<auto_reboot>"{AUTO_REBOOT}"</auto_reboot>"
"</request>"

Model: WB-700-IPV-12 / WB-700CH-IPV-12
"<?xml version'1.0?>"
"<request>"
"<outlet_status>"
{OUTLET1}","{OUTLET2}","{OUTLET3}","{OUTLET4}","
{OUTLET5}","{OUTLET6}","{OUTLET7}","{OUTLET8}","
{OUTLET9}","{OUTLET10}","{OUTLET11}","{OUTLET12}
"</outlet_status>"
"<auto_reboot>"{AUTO_REBOOT}"</auto_reboot>"
"</request>"

XML Description:

OUTLET<n>:   (n:number max:3<WB-300>/5<WB-300VB>/12<WB-700/WB-700CH>)
Status of outlets.
digit: 0 means OFF, 1 means ON.

AUTO_REBOOT:
Status of Auto Reboot.
digit: 0 means OFF, 1 means ON.

Get Status:

Target: "wattbox_info.xml"

Packet Response: (XML format)

Model: WB-300-IP-3:

```
"<?xml version='1.0'?>"
"<request>"
"<host_name>"{HOST_NAME}"</host_name>"
"<hardware_version>WB-300-IP-3</hardware_version>"
"<serial_number>"{SERIAL_NUMBER}"</serial_number>"
"<site_ip>"
{SITE_IP1}","{SITE_IP2}","{SITE_IP3}","{SITE_IP4}","
{SITE_IP5}","{SITE_IP6}","{SITE_IP7}
"</site_ip>"
"<connect_status> "
{C1_S}","{C2_S}","{C3_S}","{C4_T}","
{C5_S}","{C6_S}","{C7_S}
"</connect_status>"
"<site_lost>"
{S1_L}","{S2_L}","{S3_L}","{S4_L}","
{S5_L}","{S6_L}","{S7_L}
"</site_lost>"
"<auto_reboot>"{A_R}"</auto_reboot>"
"<outlet_name>"
{OUTLET_NAME1}","{OUTLET_NAME2}","{OUTLET_NAME3}
"</outlet_name>"
"<outlet_status>"
{O1_S}","{O2_S}","{O3_S}
"</outlet_status>"
"<outlet_mode>"
{O1_M}","{O2_M}","{O3_M}
"</outlet_mode>"
"<led_status>"{L_I}","{L_S}","{L_A}"</led_status>"
"<safe_voltage_status>"{SAFE_VOLTAGE_STATUS}"</safe_voltage_status>"
"<voltage_value>"{VOLTAGE_VALUE}"</voltage_value>"
"<current_value>"{CURRENT_VALUE}"</current_value>"
"<power_value>"{POWER_VALUE}"</power_value>"
"<cloud_status>"{CLOUD_STATUS}"</cloud_status>"
"<hasUPS>"{HAS_UPS}"</hasUPS>"
"<audible_alarm>"{AUDIBLE_ALARM}"</audible_alarm>"
"<est_run_time>"{EST_RUN_TIME}"</est_run_time>"
"<battery_test>"{BATTERY_TEST}"</battery_test>"
"<battery_health>"{BATTERY_HEALTH}"</battery_health>"
"<battery_charge>"{BATTERY_CHARGE}"</battery_charge>"
"<battery_load>"{BATTERY_LOAD}"</battery_load>"
"<power_lost>"{POWER_LOST}"</power_lost>"
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"<mute>"{MUTE}"</mute>"
"</request>"

Model: WB-300VB-IP-5:

"<?xml version='1.0'?>"
"<request>"
"<host_name>"{HOST_NAME}"</host_name>"
"<hardware_version>WB-300VB-IP-5</hardware_version>"
"<serial_number>"{SERIAL_NUMBER}"</serial_number>"
"<site_ip>"
{SITE_IP1}","{SITE_IP2}","{SITE_IP3}","{SITE_IP4}","
{SITE_IP5}","{SITE_IP6}","{SITE_IP7}","{SITE_IP8}","
{SITE_IP9}
"</site_ip>"
"<connect_status> "
{C1_S}","{C2_S}","{C3_S}","{C4_T}","
{C5_S}","{C6_S}","{C7_S}","{C8_S}","
{C9_S}
"</connect_status>"
"<site_lost>"
{S1_L}","{S2_L}","{S3_L}","{S4_L}","
{S5_L}","{S6_L}","{S7_L}","{S8_L}","
{S9_L}
"</site_lost>"
"<auto_reboot>"{A_R}"</auto_reboot>"
"<outlet_name>"
{OUTLET_NAME1}","{OUTLET_NAME2}","{OUTLET_NAME3}","
{OUTLET_NAME4}","{OUTLET_NAME5}
"</outlet_name>"
"<outlet_status>"
{O1_S}","{O2_S}","{O3_S}","{O4_S}","{O5_S}
"</outlet_status>"
"<outlet_mode>"
{O1_M}","{O2_M}","{O3_M}","{O4_M}","{O5_M}
"</outlet_mode>"
"<led_status>"{L_I}","{L_S}","{L_A}"</led_status>"
"<safe_voltage_status>"{SAFE_VOLTAGE_STATUS}"</safe_voltage_status>"
"<voltage_value>"{VOLTAGE_VALUE}"</voltage_value>"
"<current_value>"{CURRENT_VALUE}"</current_value>"
"<power_value>"{POWER_VALUE}"</power_value>"
"<cloud_status>"{CLOUD_STATUS}"</cloud_status>"
"<hasUPS>"{HAS_UPS}"</hasUPS>"
"<audible_alarm>"{AUDIBLE_ALARM}"</audible_alarm>"
"<est_run_time>"{EST_RUN_TIME}"</est_run_time>"
"<battery_test>"{BATTERY_TEST}"</battery_test>"
"<battery_health>"{BATTERY_HEALTH}"</battery_health>"
"<battery_charge>"{BATTERY_CHARGE}"</battery_charge>"
"<battery_load>"{BATTERY_LOAD}"</battery_load>"

"<power_lost>"{POWER_LOST}"</power_lost>"
"<mute>"{MUTE}"</mute>"
"</request>"

Model: WB-700-IPV-12 / WB-700CH-IPV-12

"<?xml version='1.0'?>"
"<request>"
"<host_name>"{HOST_NAME}"</host_name>"
"<hardware_version>WB-700-IPV-12/WB-700CH-IPV-12</hardware_version>"
"<serial_number>"{SERIAL_NUMBER}"</serial_number>"
"<site_ip>"
{SITE_IP1}","{SITE_IP2}","{SITE_IP3}","{SITE_IP4}","{SITE_IP5}","
{SITE_IP6}","{SITE_IP7}","{SITE_IP8}","{SITE_IP9}","{SITE_IP10}","
{SITE_IP11}","{SITE_IP12}","{SITE_IP13}","{SITE_IP14}","{SITE_IP15}","
{SITE_IP16}
"</site_ip>"
"<connect_status> "
{C1_S}","{C2_S}","{C3_S}","{C4_T}","{C5_S}","
{C6_S}","{C7_S}","{C8_S}","{C9_S}","{C10_S}","
{C11_S}","{C12_S}","{C13_S}","{C14_S}","{C15_S}","
{C16_S}
"</connect_status>"
"<site_lost>"
{S1_L}","{S2_L}","{S3_L}","{S4_L}","{S5_L}","
{S6_L}","{S7_L}","{S8_L}","{S9_L}","{S10_L}","
{S11_L}","{S12_L}","{S13_L}","{S14_L}","{S15_L}","
{S16_L}
"</site_lost>"
"<auto_reboot>"{A_R}"</auto_reboot>"
"<outlet_name>"
{OUTLET_NAME1}","{OUTLET_NAME2}","{OUTLET_NAME3}","
{OUTLET_NAME4}","{OUTLET_NAME5} ","{OUTLET_NAME6}","
{OUTLET_NAME7}","{OUTLET_NAME8}","{OUTLET_NAME9}","
{OUTLET_NAME10}","{OUTLET_NAME11}","{OUTLET_NAME12}
"</outlet_name>"
"<outlet_status>"
{O1_S}","{O2_S}","{O3_S}","{O4_S}","
{O5_S}","{O6_S}","{O7_S}", "{O8_S}","
{O9_S}","{O10_S}","{O11_S}", "{O12_S}
"</outlet_status>"
"<outlet_mode>"
{O1_M}","{O2_M}","{O3_M}","{O4_M}","
{O5_M}","{O6_M}","{O7_M}","{O8_M}","
{O9_M}","{O10_M}","{O11_M}","{O12_M}
"</outlet_mode>"
"<led_status>"{L_I}","{L_S}","{L_A}"</led_status>"
"<safe_voltage_status>"{SAFE_VOLTAGE_STATUS}"</safe_voltage_status>"
"<voltage_value>"{VOLTAGE_VALUE}"</voltage_value>"

"<current_value>"{CURRENT_VALUE}"</current_value>"
"<power_value>"{POWER_VALUE}"</power_value>"
"<cloud_status>"{CLOUD_STATUS}"</cloud_status>"
"<hasUPS>"{HAS_UPS}"</hasUPS>"
"<audible_alarm>"{AUDIBLE_ALARM}"</audible_alarm>"
"<est_run_time>"{EST_RUN_TIME}"</est_run_time>"
"<battery_test>"{BATTERY_TEST}"</battery_test>"
"<battery_health>"{BATTERY_HEALTH}"</battery_health>"
"<battery_charge>"{BATTERY_CHARGE}"</battery_charge>"
"<battery_load>"{BATTERY_LOAD}"</battery_load>"
"<power_lost>"{POWER_LOST}"</power_lost>"
"<mute>"{MUTE}"</mute>"
"</request>"

XML Description:

HOST_NAME:
>   string: The max of length is 32.

SERIAL_NUMBER:
>   string: The max of length is 10.s

SITE_IP<n>: (n:number max:7<WB-300>/16<WB-700>)
>   string: Site <n> IP Address.

C<n>_S: (n:number max:7<WB-300>/16<WB-700>)
>   digit(unit: millisecond): Site <n> response timing.

S<n>_L: (n:number max:7<WB-300>/16<WB-700>)
>   digit: Percent of ping lost.

A_R:
>   digit: 0 means OFF, 1 means ON.

OUTLET_NAME<n>:   (n:number max:3<WB-300>/12<WB-700>)
>   string: Outlet <n> Name.

O<n>_S: (n:number max:3<WB-300>/12<WB-700>)
>   Outlet Status.
>   digit: 0 means OFF, 1 means ON.

O<n>_M: (n:number max:3<WB-300>/12<WB-700>)
>   Outlet Master Switch.

>   Model: WB-300-IP-3
>   digit: 1 means Normal.
>   2 means Reset Only.

>   Model: WB-700-IPV-12
>   digit: 0 means Master Switch Disabled.

1 means Master Switch Enabled.
2 means Master Switch Disabled (Reset Only).

L_I / L_S / L_A:
    digit: 0 means OFF
                1 means Green ON
                2 means Red ON
                3 means Green Blinking
                4 means Red Blinking

SAFE_VOLTAGE_STATUS:
    digit: 0 means Safe Voltage Control OFF
                1 means Safe Voltage Control ON and safe now
                2 means Safe Voltage Control ON and unsafe now

VOLTAGE_VALUE:
    digit: Voltage value.   (Example: 1115 means 111.5V)

CURRENT_VALUE:
    digit: Current value.   (Example: 105 means 10.5A)

POWER_VALUE:
    digit: Power value.   (Example: 600 means 600Watt)

CLOUD_STATUS:
    digit: 0 means Offline
                1 means Online

HAS_UPS:
    digit: 0 means without UPS
                1 means with UPS

AUDIBLE_ALARM:
    digit: 0 means Disable
                1 means Enable

EST_RUN_TIME:
    digit: Battery remain time.   (Example: 600 means 600 minutes)

BATTERY_TEST:
    digit: 0 means Disable
                1 means Enable

BATTERY_HEALTH:
    digit: 0 means Bad
                1 means Good

BATTERY_CHARGE:
    digit: Battery capacity.

BATTERY_LOAD:
      digit: Output load percent.

POWER_LOST:
      digit: 0 means Normal
                  1 means Lost

MUTE:
      digit: 0 means Alarm
                  1 means Mute