

Partner: APC
Model: PDU
Device Type: AC Power Controller



GENERAL INFORMATION

SIMPLWINDOWS NAME:	APC PDU Power Controller IP v1.1
CATEGORY:	AC Power Controller
VERSION:	v1.1
SUMMARY:	This modules controls the APC PDU via the internet protocol SNMP.
GENERAL NOTES:	This modules controls the APC PDU via the internet protocol SNMP. Functions include outlet control with true feedback. Also included are the outlet names as set in the PDU.
CRESTRON HARDWARE REQUIRED:	Series-2 and Series 3 controllers.
SETUP OF CRESTRON HARDWARE:	Ethernet connectivity.
VENDOR FIRMWARE:	v3.7.3
VENDOR SETUP:	APC PDU with APC Web/SNMP Management Card.

CONTROL:

Connect	D	Pulsing will start the module communicating and retrieve the current state of the PDU.
Disconnect	D	Pulsing will stop communications with the PDU.
Outlet_*_On	D	Pulsing will turn on the outlet.
Outlet_*_Off	D	Pulsing will turn off the outlet.
Set_Outlet_*_Name	S	Set the Outlet Label. <i>Note: The APC PDU will actually reset the SNMP Management Interface card after setting the outlet name. It takes almost 5 seconds to recover from setting the name. Because of this, It is recommended that you NOT automate setting the names of the outlets as part of the boot up process of the controller. Instead provide a keyboard on your touch panel, and allow the user to edit the labels as needed.</i>
Do_Poll	D	Pulsing will cause the module to poll status of the outlets.

PARAMETERS:

Partner: APC
Model: PDU
Device Type: AC Power Controller



SNMP Community		Enter the read-write community. "private" is the default read-write community.
IP Address		Enter the IP address of the PDU
Qty Of Outlets		Enter the quantity of outlets to support. (2d to 24d)

FEEDBACK:

Is_Communicating	D	Indicates a successful response from the PDU.
Is_Initialized	D	Indicates the module has successfully retrieved the required status of the PDU.
Outlet_*_Is_On	D	Indicates the outlet is on.
Outlet_*_Is_Off	D	Indicates the outlet is off.
Outlet_*_Name	D	The label of the outlet as set in the PDU.

TESTING:

OPS USED FOR TESTING:	PRO2 [v4.007.005] CP3 [v1.005.0015]
SIMPL WINDOWS USED FOR TESTING:	v4.01.10
CRES DB USED FOR TESTING:	v36.00.007.00
DEVICE DATABASE:	v47.00.005.00
SYMBOL LIBRARY USED FOR TESTING:	843
SAMPLE PROGRAM:	APC PDU SNMP v1.1 Demo CP3 APC PDU SNMP v1.1 Demo PRO2
REVISION HISTORY:	v1.0 – Initial Release v1.1 – Fixed some stabilization issues with the 3 series processors. Added Do_Poll signal.