

**Partner: Furman**  
**Model: F1500-UPS**  
**Device Type: Power Controller**



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Furman F1500-UPS
<b>CATEGORY:</b>	Power Controller
<b>VERSION:</b>	1.1
<b>SUMMARY:</b>	This module provides IP control of the Furman F1500-UPS
<b>GENERAL NOTES:</b>	It's recommended to pulse "Poll" only once, usually during system startup, to synchronize the current system status.
<b>CRESTRON HARDWARE REQUIRED:</b>	C2ENET-1, C2ENET-2
<b>SETUP OF CRESTRON HARDWARE:</b>	N/A
<b>VENDOR FIRMWARE:</b>	AI1265
<b>VENDOR SETUP:</b>	None
<b>CABLE DIAGRAM:</b>	N/A

## CONTROL:

<b>Poll</b>	D	Pulse to initialize system status. Usually only done once at system startup.
<b>Outlet_*_Power_*</b>	D	Pulse to control the power to the respective outlet.
<b>All_On</b>	D	Pulse to turn all outputs on.
<b>All_Off</b>	D	Pulse to turn all outputs off.
<b>Voltage_Regulation_*</b>	D	Pulse to set the specified AVR (Automatic Voltage Regulation) mode.
<b>Buzzer_*</b>	D	Pulse to control buzzer status.
<b>{{TCP/IP_Client_&gt;&gt;_Connect-F}}</b>	D	To be connected to the "Connect_F" input on the TCP/IP client definition.
<b>{{TCP/IP_Client_&gt;&gt;_status}}</b>	A	To be connected to the "status" input on the TCP/IP client definition.
<b>{{TCP/IP_Client_&gt;&gt;_RX\$}}</b>	S	To be connected to the "RX\$" input on the TCP/IP client definition.

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**FEEDBACK:**

Poll_Is_Busy	D	High to indicate poll in progress. <b>NO USER ISSUED COMMANDS WILL BE SENT DURING POLL.</b>
Outlet_*_Power_Is_*	D	High to indicate that power to the respective power state.
Voltage_Regulation_Is_*	D	High to indicate the currently selected AVR mode.
Buzzer_Is_On	D	High to indicate the buzzer is currently enabled.
Using_Battery	D	High to indicate the unit is currently running on battery.
In_Test_Mode	D	High to indicate the unit is currently in test mode.
Overvoltage_Detected	D	High to indicate that an overvoltage event has been detected.
Undervoltage_Detected	D	High to indicate that an undervoltage event has been detected.
Input_Line_Voltage_Analog	A	An analog value reporting the current input line voltage.
Output_Current_Analog	A	An analog value reporting the current output current.
Output_Voltage_Analog	A	An analog value reporting the current output voltage.
Watts_Analog	A	An analog value reporting the current watts.
VA_Analog	A	An analog value reporting the current VA.
System_Load_Percent_Gauge	A	An analog value reporting the current system load percentage, to be tied to a gauge.
Battery_Capacity_Remaining_Gauge	A	An analog value reporting the current battery capacity remaining, to be tied to a gauge.
Outlet_*_Level_To_Off_Analog	A	An analog value reporting the current battery threshold for the respective outlet.
Connect-F	D	High to indicate that there is an IP connection.
Connection_Status_Text	S	Indicates the current IP connection status.
{{Connect_>>_TCP/IP_Client}}	D	To be connected to the "Connect" output on the TCP/IP client definition.
{{TX\$_>>_TCP/IP_Client}}	S	To be connected to the "TX\$" output on the TCP/IP client definition.

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**TESTING:**

<b>OPS USED FOR TESTING:</b>	4.001.1012
<b>SIMPL WINDOWS USED FOR TESTING:</b>	2.12.31
<b>CRES DB USED FOR TESTING:</b>	21.03.028.0
<b>DEVICE DATABASE:</b>	26.07.002.00
<b>SAMPLE PROGRAM:</b>	Furman F1500-UPS IP v1.1 Demo PRO2
<b>REVISION HISTORY:</b>	V. 1.0 V. 1.1 – 3-series compatibility.