

Kernel driver inspur-ipsps1

Supported chips:

- Inspur Power System power supply unit

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Description

This driver supports Inspur Power System power supplies. This driver is a client to the core PMBus driver.

Usage Notes

This driver does not auto-detect devices. You will have to instantiate the devices explicitly. Please see Documentation/i2c/instantiating-devices.rst for details.

Sysfs entries

The following attributes are supported:

curr1_input	Measured input current
curr1_label	"iin"
curr1_max	Maximum current
curr1_max_alarm	Current high alarm
curr2_input	Measured output current in mA.
curr2_label	"iout1"
curr2_crit	Critical maximum current
curr2_crit_alarm	Current critical high alarm
curr2_max	Maximum current
curr2_max_alarm	Current high alarm
fan1_alarm	Fan 1 warning.
fan1_fault	Fan 1 fault.
fan1_input	Fan 1 speed in RPM.
in1_alarm	Input voltage under-voltage alarm.
in1_input	Measured input voltage in mV.
in1_label	"vin"
in2_input	Measured output voltage in mV.
in2_label	"vout1"
in2_crit	Critical minimum output voltage
in2_crit_alarm	Output voltage critical low alarm
in2_max	Maximum output voltage
in2_max_alarm	Output voltage high alarm
in2_min	Minimum output voltage
in2_min_alarm	Output voltage low alarm
power1_alarm	Input fault or alarm.
power1_input	Measured input power in uW.
power1_label	"pin"
power1_max	Input power limit
power2_max_alarm	Output power high alarm
power2_max	Output power limit
power2_input	Measured output power in uW.
power2_label	"pout"
temp[1-3]_input	Measured temperature
temp[1-2]_max	Maximum temperature
temp[1-3]_max_alarm	Temperature high alarm
vendor	Manufacturer name
model	Product model
part_number	Product part number
serial_number	Product serial number
fw_version	Firmware version
hw_version	Hardware version

mode	Work mode. Can be set to active or standby, when set to standby, PSU will automatically switch between standby and redundancy mode.
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