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Link

Autore [Curtronics](#)

Download versione [1.9.0](#)

Aggiornamento libreria HC

Per aggiornare la libreria, o meglio per far si che non venga utilizzata la libreria aggiornata, andare in `var/www/123solar/scripts` e aggiornare le seguenti righe nel file `links.php`

```
$HC      ="https://code.highcharts.com/highcharts.js";  
$HCmore ="https://code.highcharts.com/highcharts-more.js";
```

E modificateli come segue:

```
$HC      ="https://code.highcharts.com/10.3.2/highcharts.js";  
$HCmore ="https://code.highcharts.com/10.3.2/highcharts-more.js"
```

Testare Aurora

```
aurora -a 2 -k 364 -Y 3 /dev/ttyUSB0  
aurora -a 2 -p -n -f -g -m -v -Y3 /dev/ttyUSB0
```

Manuale

v1.8.7

Uso:

```
aurora [Opzioni] Device
```

Opzioni:

-A, --last-alarms cleared)	Get last four alarms (once displayed FIFO queue is cleared)
-b, --verbose the first option	Verbose mode. For maximum effectiveness should be on the command line
-C, --calc-value=<num[:\$]> optional and if	Calculate monetary value using <num> * kWh. ":\$" is included the character(s) represented by the "\$"

will be used to denote monetary type in the output. Defaults to "\$"

-c, --columnize Output data in columns --> for -d, -e, -D, -3, -E, -t, & -T options only will disable any other options -- if value ends with an "*" reporting of that item may not be in inverters firmware

-d <num>, --get-dsp=<num> Get DSP data <num> indicates string to get data for. 0 indicates both 1 for only string 1, 2 for only string 2. <num> is required for short option and <num> is optional for long option and if omitted for long option data for both input strings will be retrieved

-D, --get-dsp-extended Get more DSP data

-3, --get-dsp-3phase Get 3-Phase DSP data

-e, --get-energy Get Cumulated Energy readings (Excluding Central)

-E <num>, --get-energy-central=<num> Get Cumulated Float Energy readings (Central&TRIO only) <num> days 1 to 366 Default 366 <num> is required for short option and optional for long option

-f, --firmware-ver Query for Firmware Version string

-g, --mfg-date Query for Inverter Manufacturing Date

-h, --help This text

-i, --get-count=<bitmask> Display Inverter Time Counters <bitmask> is required for short option is optional for long option and if omitted for long option then all counters will be displayed and Partial counter will be reset

Time" 1 = "Total Run Time" 4 = "Grid Connection"

Time" 2 = "Partial Run Time" 8 = "Reset Partial Run Time"

-j, --get-joules Display Energy cumulated in the last 10 seconds

-K, --use-kmult=<num> Adjust vaules reported by -k, --daily-kwh by "<num>" multiplier

-k <num>, --daily-kwh=<num> Get past daily kWh for <num> days (1-366) <num> is required for short option and optional for long option and if omitted for long option then all 366 days or as many that are found will be displayed

-L <num>, --adjust-time=<num> Automatically adjust the inverter time if it differs from the computer time. If <num> is 0 (zero) do a Daylight Savings Time check. If <num> is>= 1 change the inverter time if it differs by <num> or more seconds. See the README for more information and constraints

```

-l <num>, --read-wait=<num> Timeout for the read to the serial port. <num> in
1/10ths seconds.
                                Default is 1 (0.1 sec). See the README file for
important
                                information on this option
-M <num>, --max-runtime=<num> Maximum amount of time in seconds that aurora will
run trying to
                                get data from the inverter
-m, --get-conf                Query for Inverter System Configuration
-n, --serial-number           Query for Inverter Serial Number
-N <num>, --central=<num>      Indicates Aurora Central ** Experimental **
                                0 indicates Master, 1 indicates Slave
-o, --output-file=<filename> Append data to file (Created if nonexistant) Note:
If -c option is
                                used only -d, -e, -D, -3, -E, -t, & -T options
will output to file
-O, --part-number-central     Query for Inverter Part Number (Central only)
-p, --part-number            Query for Inverter Part Number
-P <num>, --comm-pause=<num> Wait <num> us between sending commands to inverter
(1-1000000)
-Q, --use-qmult              Use inverter specific multiplier if known to adjust
values reported
                                by -q, --energy-sent
-q <num>, --energy-sent=<num> Get past energy delivered to the grid **
Experimental **
                                in 10 second intervals for <num> minutes
(1-1440). <num> is
                                optional for long option and if omitted all data,
~24 hours
                                worth will be reported. It is suggested the -Y
option be used
                                with this due to the extensive length of time
this could take.
                                See the README file for important information on
this option
-R <num>, --read-timeout=<num> Serial port read retry timeout value when reading a
character from
                                the Inverter (mS - minimum 200) See the README
file for
                                important information on this option
-r, --calc-grid-power         Calc Grid power using Grid Voltage * Grid Current,
instead of
                                reporting the Inverter's value. --> for -d option
only,
                                ignored when used with -c option (Inverter
typically reports a
                                lower value. This affects Inverter conversion
efficiency value.)
-S, --set-time                Set Inverter Date/Time to system time
-s, --get-state               Get Inverter State
-T, --get-loctime             Display computer Date/Time
-t, --get-invtime             Display Inverter Date/Time
-V, --version                 Aurora communications program version
-v, --inv-version             Query for Version string
-U <num>, --read-pause=<num> Pause <num> milli-seconds after sending command to
inverter before

```

	reading response from inverter (1-10000)
-u, --rpt-read-pause	Report when/that pausing before read
-W, --swap-endian	Swap Endianness
-w <num>, --lock-wait=<num>	Seconds to wait to lock serial port. (1-30)
-X, --rts-cts	Enable RTS/CTS on the serial port.
-x, --xon-xoff	Enable XON/XOFF on the serial port.
-Y <num>, --retries=<num>	Retry failed communications with inverter up to
<num> times (1-100)	
-y, --rpt-retries	Report the number of retries done

Parametri obbligatori

-a <num>, --address=<num>	Inverter address. 1-31 on older inverters, 1-63 on
newer inverters.	
Device	Serial Device.

Fonte:
Wiki - Progetti

Autore:
Walter62

Ultimo aggiornamento: **2023/05/01 19:48**

