

16.9 SOLPLUS

Overview

Solplus protocol is used to download inverter data from Solplus inverters using a HTTP client.

Configuration

Solplus parameters for *Device* tab

| Parameter | Type | Description | Required | Default value (when not specified) | Range | |
|---------------|---------|---|----------|---------------------------------------|---------|-------|
| | | | | | Min | Max |
| name | string | User-friendly device name | Yes | | | |
| description | string | Description of a device | No | | | |
| device_alias | string | Alphanumeric string to identify a device | Yes | | | |
| enable | boolean | Enabling/disabling of a device | No | 1 | 0 | 1 |
| protocol | string | Protocol to be used. | Yes | | Solplus | |
| scan_rate_ms | integer | All reads and writes will be executed within the timeframe in milliseconds | No | 10000 | | |
| poll_delay_ms | integer | Minimum time delay in milliseconds to wait before sending any data on port. | No | 200 | | |
| timeout_ms | integer | Timeout of waiting for incoming request in milliseconds | No | 2500 | 0 | 60000 |
| url | string | HTTP server location URL | Yes | | | |

Solplus parameters for *Signals* tab

| Parameter | Type | Description | Required | Default value (when not specified) | Range | |
|--------------|--------|---|----------|---------------------------------------|-------|-----|
| | | | | | Min | Max |
| signal_name | string | User-friendly signal name | Yes | | | |
| device_alias | string | Device alias from a Devices tab | Yes | | | |
| signal_alias | string | Unique alphanumeric name of the signal to be used | Yes | | | |

| | | | | | | |
|---------------------|---------|--|-----|---|---|---|
| enable | boolean | Enabling/disabling of an individual signal | No | 1 | 0 | 1 |
| log | integer | Enable logging in event log | No | 0 | | |
| number_type | string | Type of a number (FLOAT, DOUBLE, DIGITAL, etc.) | Yes | | | |
| job_todo | string | Tag job as single or multiple comma separated OBIS codes | Yes | | | |
| tag_job_todo | string | Tag sub job | Yes | | | |
| pulse_short_time_ms | integer | Time interval for short output pulse to stay active | No | 0 | | |
| pulse_long_time_ms | integer | Time interval for long output pulse to stay active | No | 0 | | |

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