[e] enphase
E N E R G Y

Envoy Application Programming Interface (API)

Overview

With Envoy software release R3.9 and later, you can access energy production data stored locally on the Envoy. To view aggregate energy production information, use the TCP/IP based Application Programming Interface (API).

Use the API to View Production Data

1. Open an Internet browser on a device connected to the same LAN as the Envoy.
2. In the browser address window, enter the API call location where the IP address is the IP address displayed in the Envoy LCD screen.

API call location format:

http://{IP Address}/api/v1/production

Example:

http://10.50.60.6/api/v1/production

Response:

Data is returned in the following format:

```
{

      "wattHoursToday": 15116,
      "wattHoursSevenDays": 15499,
      "wattHoursLifetime": 15499,
      "wattsNow": 1566

}
```

NOTE: Enphase Microinverters report to the Envoy every five minutes. As a result, sending an API call more frequently than this may not produce an updated response.