

[EnergyKit](#) / [ElectricalLoadEventProtocol](#)

## Protocol

# ElectricalLoadEventProtocol

A type that can represent an electrical load event.

iOS 26.0+ | iPadOS 26.0+ | Mac Catalyst | macOS 26.0+

```
protocol ElectricalLoadEventProtocol : Decodable, Encodable, Identifiable, Sendable
```

## Overview

Don't declare new conformances to `ElectricalLoadEventProtocol`. Only [ElectricVehicleLoadEvent](#) and [ElectricHVACLoadEvent](#) can conform to `ElectricalLoadEventProtocol`.

## Relationships

### Inherits From

Decodable  
Encodable  
Identifiable  
Sendable  
SendableMetatype

### Conforming Types

# See Also

## Load events

`struct ElectricHVACLoadEvent`

A measurement of the electricity consumed by an HVAC system.

`struct ElectricVehicleLoadEvent`

A measurement of the electricity consumed or generated by an electric vehicle while connected to a charger.

`struct EnergyVenue`

A physical site that uses or produces electricity at that location.

`enum ElectricityFlowDirection`

Information about which direction the electricity moves.