LINKRAY
Dynamic Local Load Balancing for EV Chargers

Versinetic
versatile ev charging solutions

- **Use with AC and DC chargers**
- **Remote Management Solution***
- **Subscription-free**
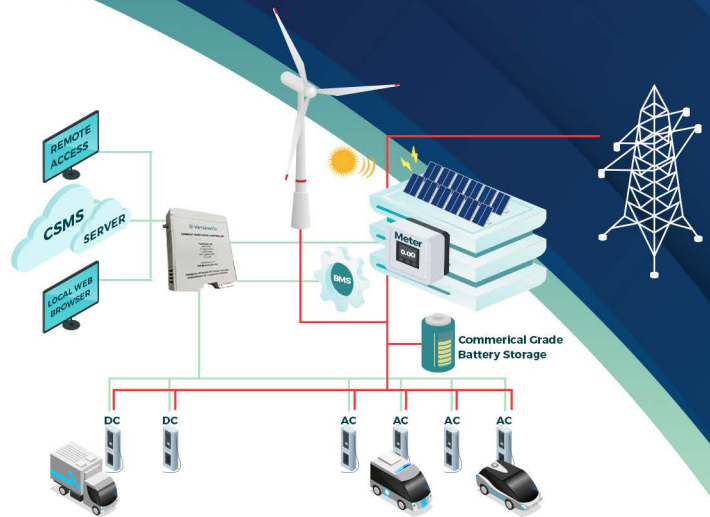
LinkRay works with any OCPP 1.6-compatible charger

— **POWER**
— **DATA**

Manage Complex Sites - Transform Your Charging Infrastructure

LinkRay sits between your charge points and management system, delivering:

Smart Load Balancing – Dynamically balance power across up to 100 chargers based on site meter readings to protect your site power restrictions.

Site Based – Works fully offline or in partnership with a CSMS, maintaining operation even in grid outages - fully offline mode for high cybersecurity resilience in critical infrastructure.

Multi-Vendor Support – Works with any OCPP-compatible charger, including a mix of DC/AC and single/3-phase, regardless of manufacturer.

Remote Management – Allows you to remotely configure and monitor LinkRay and all chargers attached to it *remote management for 1 year included.

Works with any meter / Works offline or with CSMS

"LinkRay transformed our multi-vendor charging infrastructure from a management nightmare into a streamlined, efficient system."
– Operations Director, Major Retail Chain

The only load balancing solution that consolidates up to 100 chargers.
(+ up to 6,500 with SiteManager product)

Ready To Get Started?

Get in touch with Versinetic's team to see how we can help on your site

✉ **info@versinetic.com**   📞 **+44 (0) 121 828 9292**   🌐 **versinetic.com**

Who Benefits From **LINKRAY**

Site Owners & Managers

- Avoid per-charger subscription fees – no subscription required*

- Maximise site power capacity efficiently with dynamic load balancing

  LinkRay includes one year of remote manager access. Annual maintenance charge thereafter

Specifiers

- Meet site power requirements & charger volumes

- Compatible with renewable on-site generation and battery storage

- Manage multiple brands; and mix of DC/AC and single/3-phase chargers

Operations Teams

- Manage up to 100 diverse chargers through one interface (expandable to 6400 with Versinetic's SiteManager product)

- Reduce site visits with remote access to real-time usage data and perform remote firmware updates

- Maintain charging service even during network outages with fast loop local control

Installers

- Simple installation and configuration

- Remote installation assistance available

- Easily expand systems with additional chargers

- External relay control to show load balancing status and allow for all stop/cancel

- Regular email reports on charging health

- Email notifications on device failures

LINKRAY CHARGER MANAGEMENT

- Offers full offline operation with high cybersecurity resilience

- Remotely accessible via dedicated web portal for monitoring and maintenance

- Controls authorisations via RFID/NFC with whitelist of authorised cards

- Group chargers for simplified management

- Track user consumption for billing purposes

- Low data usage compared to cloud CSMS-based solutions

- Offers support for any RS485 / Ethernet Modbus local energy meters

TECHNICAL SPECIFICATIONS

- **Supply Voltage**
  12V DC (8-15V DC)

- **Power Consumption**
  <1 Watt

- **Security**
  Secure Boot and TPM

- **Communication**
  Ethernet, Wi-Fi,
  LTE CAT-M1/GPRS

- **Interface**
  2 x RS485, Modbus RS485 for direct site meter connection

- **Installation**
  DIN rail mounted

- **Size**
  118 mm x 100mm x 25mm

- **Operating Temperature**
  -25°C to +70°C

100mm

25mm

118mm

◈ **Versinetic**

LINKRAY
EV Charger Local Controller

Designers of flexible EV charger hardware
and software for companies worldwide
versinetic.com
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◈ **Versinetic**
versatile ev charging solutions

Trusted by companies worldwide for EV charging electronics, software and design support

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