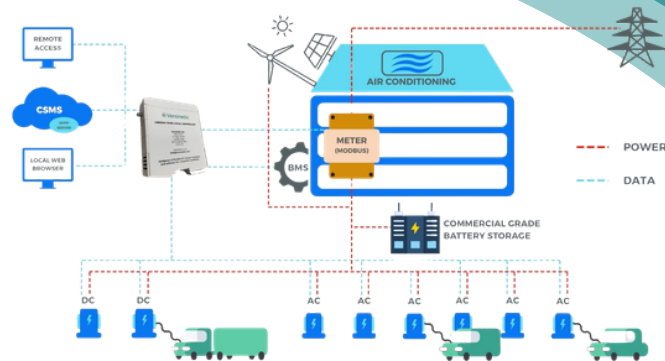


LINKRAY

Dynamic Local Load Balancing for EV Chargers

- Use with AC and DC chargers
- Remote Management Solution*
- Subscription-free
- Supports 200kW+ DC chargers & BESS



LinkRay works with any OCPP 1.6-compatible charger, including DC and AC units rated above 200kW, and supports Battery Energy Storage Systems (BESS) directly

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, with support for up to 16 connectors per charger and chargers rated above 200kW, 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

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

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 & perform remote firmware updates
- ✎ Maintain charging service even during network outages with fast loop local control, including FIFO queue management with round robin fallback

Specifiers

- ✎ Meet site power requirements & charger volumes
- ✎ Compatible with renewable on-site generation and BESS (direct support built into LinkRay)
- ✎ Manage multiple brands; and mix of DC/AC and single/3-phase chargers

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
- ✓ Low power output mode via external IO module
- ✓ 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 SPECIFICATION

- ✓ **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



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

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🌐 versinetic.com