TRITIUM™

RTM75

A highly advanced DC fast charging system designed to achieve capital and operational efficiency.

RTM - 50KW AND 75KW

SMART, SCALABLE, RELIABLE

Small Footprint: RTM75 represents the perfect balance of size and power, making it easy to install, easy to own and easy to use.

Sealed Enclosure: Tritium's world-famous IP65 sealed enclosure enables a wide choice of installation options, regardless of any harsh environmental conditions

Liquid Cooling: Rated for operations from -35°C to +50°C (-31°F to +122°F), and can sustain at full power at an operating temperature of 40°C (+104°F) all day, every day.

© Tritium 2026

YOUR FUTURE INTO MODULAR SCALABLE CHARGING

Tritium's modular and scalable RTM75/75kW is the tipping point to electrification of transportation and is powering the e-mobility revolution.

This smart, scalable and reliable charger couples Tritium's DNA of liquid cooling, small footprint, and industry leading IP65 rated enclosure, with a modular power electronics design. With the best ingress protection, modular power options, quiet operating mode, and superior reliability and safety, the RTM all-in-one charging station is suited to a wide range of EV charging use cases including EV fleet operations, highway rest stops, convenience stores, municipal or utility charging installations, retail, convenience stores, and parking lots. Compatible with all domestic, commercial and fleet EVs using the CCS or CHAdeMO standards, this charger can provide CCS cable output up to 920V and 200A DC (up to 500V and 125A via CHAdeMO) and supports the ISO15118 CCS communication standards.

The RTM has an integrated safety loop with tilt and door sensors that can be connected to an upstream safety disconnect. Charging is available via 3m (10') length cables without cable management or 6m (19'6') length cables with integrated cable management. The charger comes standard with a full colour 10.1" LCD display that features a friendly and welcoming user experience.

The RTM75 is equipped with Tritium's market-validated implementation of ISO15118 Plug and Charge. Plug and Charge enables appropriately configured EVs and charging equipment to communicate, authenticate, and transact seamlessly via the charging cable. This means that charging can truly be as simple as plug in and the charging starts.

With the RTM75, Tritium introduces Whisper Mode charging. Whisper Mode allows the RTM75 to be configured to operate under a specific acoustic noise output level. When Whisper Mode is enabled, the charger will derate charging power to ensure that the configured acoustic noise level is not exceeded. This allows the RTM75 to be installed in areas and jurisdictions with noise abatement requirements that would traditionally hamper or totally prohibit the installation of EV charging solutions.

Flexibility to design custom vinyl wraps for the front and back of the RTM75 offers a unique opportunity for branding these chargers to amplify your visual brand identity.

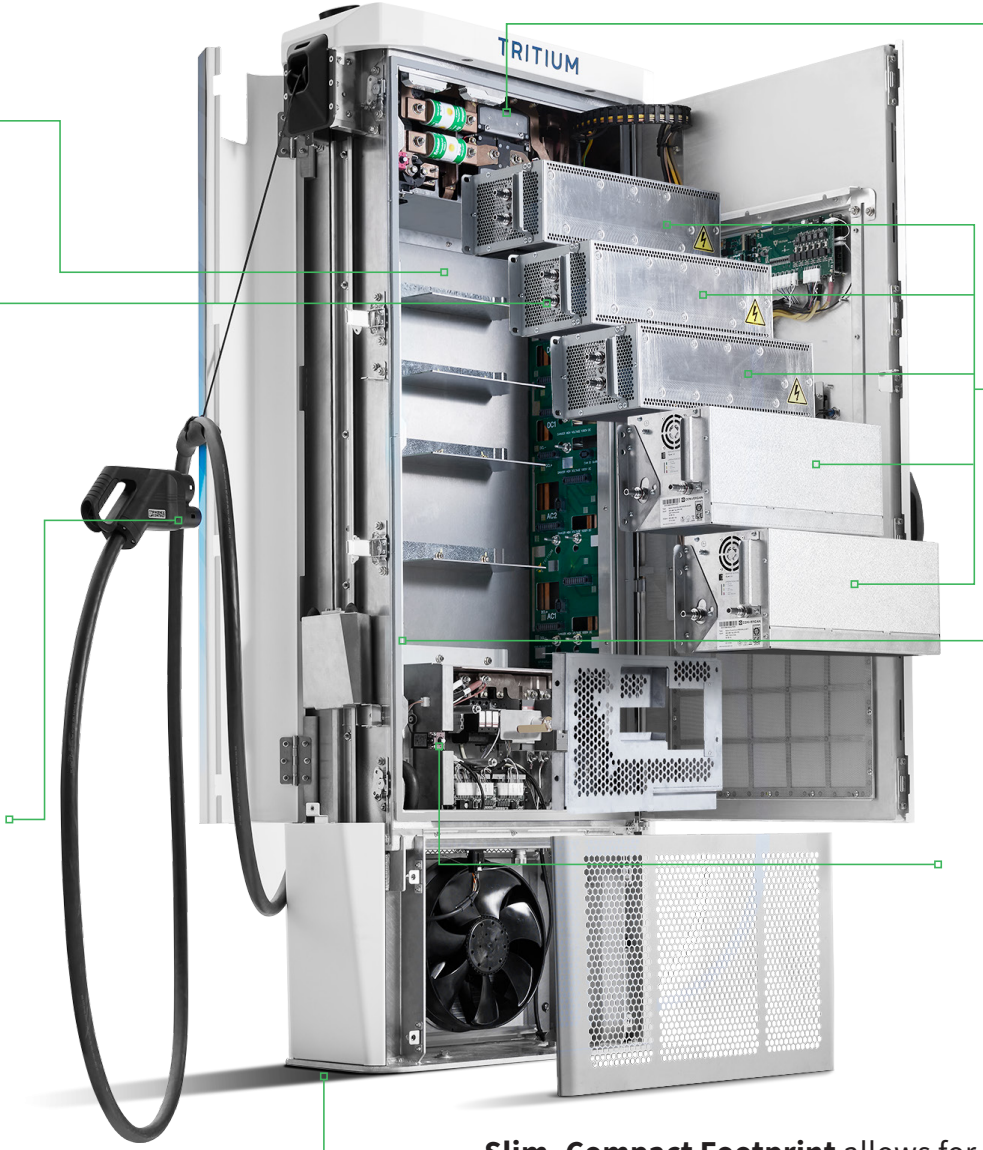
The RTM75 also features LED downlights that, in addition to offering a measure of security, clearly illuminate the branded panels. These lights, combined with the vinyl wraps (tailor-made to your specifications), provide a competitive edge, enable customer loyalty, and help heighten public awareness of your organization's support for sustainable energy solutions and a commitment to enabling cleaner healthier cities.

EASY TO INSTALL, EASY TO OWN, EASY TO USE.

Upgradeable Modular System allows you to easily increase charger power.

Liquid Cooling ensures quiet and consistent operation, even during the most extreme temperatures.

Long Cables with integrated management system, making it easy for drivers to plug in, while keeping cables neatly off the ground.



DC Meter features 2.5% DC energy metering accuracy plus DC meters are also available.

Easy to Service power electronics modules rated for single person lift.

Sealed Enclosure means less wear and tear, longer system life and lower maintenance with no filters to change.

Increased Safety with door and tilt sensor that support upstream breakers, ensures the charger is de-energised quickly in an emergency.

Slim, Compact Footprint allows for easy installation in front of the car space, between vehicles, and in multi story car parks.

© Tritium 2026

YOUR CUTTING-EDGE TECHNOLOGY PARTNER

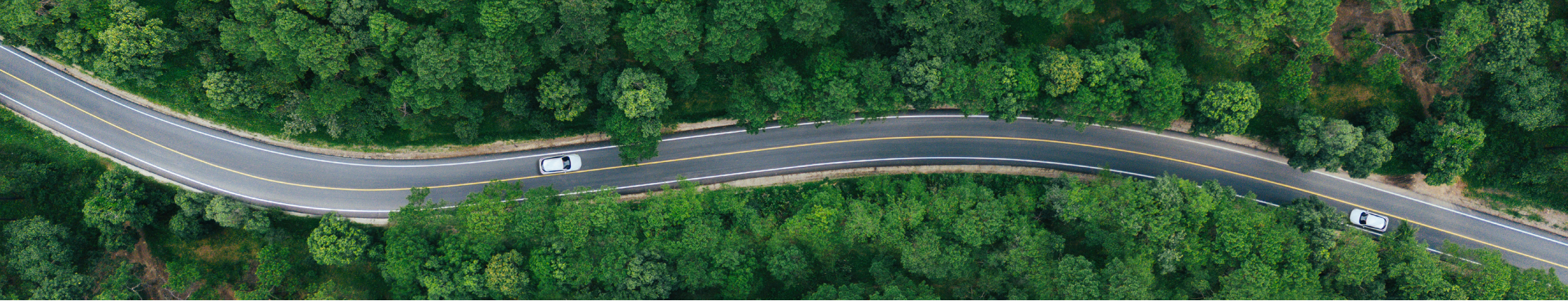
Founded in 2001, Tritium designs and manufactures proprietary hardware and software to create advanced and reliable DC fast chargers for electric vehicles. Tritium's compact and robust chargers are designed to look great on Main Street and thrive in harsh conditions, through technology engineered to be easy to install, own, and use.

Reduced Total Cost of Ownership
The RTM's sealed enclosure and liquid cooled technology ensures reduced total cost of ownership compared to air-cooled chargers.

Maximum Revenue and Real Estate Usage
Small footprint allows chargers to be installed anywhere and ensures site hosts do not lose car parking spaces

Unique Modular and Scalable Charging
A modular ecosystem of chargers, components and modules, interchangeable between models and rigorously field tested.

© Tritium 2026



FUTURE-PROOF YOUR ELECTRIFICATION JOURNEY

Unique Benefits:

- Small enough to fit into confined spaces –1,998mm x 850mm x 308mm (78.6” x 33.4” x 12.1”)
- Rapid installation in under two hours to reduce set-up costs
- Whisper Mode allows the charger to be configured to meet site specific noise abatement requirements
- Designed and engineered for reliability to support a wide range of grid voltages
- Footprint and modular design allow for easy upgrades in the future from the 50kW to 75kW
- Increased reliability – operates continuously at full power in ambient temperature of up to +40°C (+104°F) without derating
- Optional tailor-made front and back decals to your design specifications to amplify your brand and enable customer loyalty
- Front and back LED down lights for increased visibility and measured security
- Designed with field serviceability in mind – easy to open, single-person-lift modules
- Third-party certified to UL and IEC safety standards
- Sealed enclosure reduces the wear and tear on internal components, maximizing hardware lifespan and reducing maintenance
- Eichrect DE-M Meter ready (Germany)

© Tritium 2026

KEY FEATURES:

- Patented liquid-cooled technology
- Sealed electronics enclosure (IP65)
- Durable and robust double skin metal enclosure – IK10 impact resistance
- Simultaneous Charging ready (dual EVSE)
- Mix and Match Cables - CCS1, CCS2 and/or CHAdeMO
- 150V to 920V DC output
- 6m (19ft 8in) charging cables with cable management as standard
- 10.1” LCD Display
- Supports ISO 15118 ‘Plug and Charge’ technology for hassle-free authentication and payment
- Wide operating temperature range -35°C to +50°C (-31°F to +122°F)
- Continuous operation at ambient temperature of -35°C to +40°C (-31°F to +104°F)
- Cellular 4G/LTE and Ethernet network connections.
- Optional contact-less for 3-in-1 credit card reader
- Door ingress and tilt sensors with support for upstream disconnect

© Tritium 2026

CUSTOMER CARE

Your uptime is our priority. From initial deployment to daily operations, Tritium delivers comprehensive support that keeps your charging network running reliably.

24/7 EXPERT SUPPORT

Our dedicated customer support team provides around-the-sun service through live chat in MyTritium, connecting you directly with highly trained technicians. Before your first deployment, our onboarding engineers validate each charger on your OCPP backend platform, ensuring chargers are ready to go when powered on.

PROACTIVE MONITORING & RESPONSE

MyTritium enables proactive network management with automated service case creation when critical events occur. Configure operational alerts to trigger immediate support response, ensuring issues are addressed before they impact your network.

COMPREHENSIVE WARRANTY & SERVICE PROGRAMS

Our standard warranty covers 3 years or 15,000 charging sessions, with liquid-cooled power modules backed by a lifetime warranty. Choose outcome-based SLAs tailored to your operations—from Standard to Premium. Through advanced remote diagnostics and proactive programs like TritiumCare™, Tritium achieves 95% of service requests diagnosed remotely and 75% resolved without onsite intervention.

DATA MANAGEMENT & TRANSPARENCY

Tritium is anchored in the principle of earning our customer's trust through transparency. This is the heart of why we provide comprehensive data visibility: to enable real, data-driven conversations with you, our customer, on how your network of chargers is really performing.

BEYOND OCPP DATA

This conversation can be hard to have if OCPP data is all you have to operate with. Where OCPP data ends, MyTritium begins. MyTritium expands on the basic levels of data available via OCPP and allows further insight and detail of your charger network to achieve greater visibility and drive greater reliability.

REAL-TIME INSIGHTS & FLEXIBILE ANALYTICS

Real-time data and insight monitor charger readiness, detailed tracking across your network, as well as flexible analytics. With data visualizations and intuitive design, you can extract insight from your network from real-time charger status to historical state and error conditions.

COMPREHENSIVE NETWORK VISIBILITY

Gain visibility into grid conditions, detailed system performance metrics, granular vehicle charge statistics and energy delivery. With custom monitoring dashboards, detailed network connectivity statistics, and performance trending, MyTritium empowers your team to succeed.

TRITIUM

AMERICAS • APAC • EUROPE • UK

tritiumcharging.com

Designed in Australia Manufactured in U.S.A