



Ultra-Scaling EV Charging Platform

TRI-FLEX

 UNPRECEDENTED SYSTEM SCALABILITY

 ULTIMATE DESIGN FLEXIBILITY

 UNCOMPROMISED RELIABILITY



TRI-FLEX

NEXT GENERATION ULTRA-SCALING CHARGING PLATFORM

TRI-FLEX is redefining what's possible for public charging hubs and fleet charging. Industry leading dispenser to power cabinet ratio makes TRI-FLEX the most flexible and scalable distributed DCFC charging platform in the world.

With groundbreaking flexibility to customise power cabinet levels, dispenser types, with BESS and DC-microgrid integration capabilities available for fringe-of-grid and off-grid solutions.

The platform revolutionises DC fast charging with its distributed architecture, delivering industry-leading power in the smallest footprint, with liquid cooling for low-noise operation.

Fully IP65-rated, it withstands extreme environments while transforming charging economics. Deploy faster, scale smarter, and maximise ROI with flexible configurations that grow with demand.



PLATFORM HIGHLIGHTS

- Configurable power cabinet levels from 400kW to 1.6MW
- Charge up to 64 vehicles from a single TRI-FLEX platform
- Flexible dispenser options from 100kW, 200kW, 400kW and 640kW
- Compatible with 3rd party sources of DC power
- CCS and NACS connectors



ENHANCED RELIABILITY FOR ANY ENVIRONMENT

Powerful Performance & Flexibility:

The core of the platform is the TRI-FLEX Hub, a power conversion system that grows with your needs – from 400kW to 1.6MW of AC power and up to 3.2MW of DC power.

Unprecedented Scalability:

A single Hub can power two to 32 TRI-FLEX dispensers (up to 64 charge points), eight times more than conventional distributed systems.

Ultimate Design Flexibility:

Customers can mix and match 100kW, 200kW, and 400kW dispensers in a single system, creating the ideal configuration for their site and customer needs – from passenger cars to commercial trucks.

Precision Power Management:

The system's 25kW power resolution with real-time load balancing ensures optimal energy distribution, maximizing efficiency and throughput.

Environmental Resilience:

Full IP65 environmental rating and advanced liquid cooling maintain reliable performance from Arctic cold (-35°C) to desert heat (+55°C).



REMOTE SERVICES AND PARTS

TRITIUM IS COMMITTED TO ENHANCING PRODUCT AND SERVICE QUALITY

		OPTIONAL SLAS	
	WARRANTY	ADVANCED	PREMIUM
Term		36 months	
Coverage		Remote Services and Parts	
Remote Services Time	7 days	3 days	1 day
Parts Dispatch Time	7 days	5 days	2 days
Warranty / SLA Fee	Included with the Product	Optional at additional fee	Optional at additional fee
Maximum Term Extension		24 months	
24/7 Active Monitoring	Optional at additional fee	Optional at additional fee	Included
Preventative Maintenance		Optional at additional fee	
Spare Parts Management	N/A	Included	Included





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