



TIREX

Powering Growth

30kW



At Tirex Chargers, we are dedicated to revolutionizing the electric vehicle (EV) charging experience. Our all-new 30kW DC Fast Charger is designed to deliver cutting-edge technology, high-performance capabilities, and unmatched convenience to meet the diverse needs of EV owners, from individual drivers to commercial fleets.



Versatile Design

Our compact and modular design suits various settings, from retail to highways and fleets. Choose single or dual outlets, and expand as needed.



Future-Ready

Built to support upcoming EVs, even those with 800V architecture, keeping you ahead in the evolving market.



Enhanced Utilization

Innovative power-sharing technology enables simultaneous charging of two vehicles, ensuring efficient infrastructure use.



Durable Product

Designed for over 15 hours of daily use, Tirex Chargers undergo rigorous testing for compliance with IEC 61851 and ISO 15118 standards, ensuring quality and reliability.

Power of Charger

30kW

Adaptive

150-1000V

Range

Current up to

100A



Technical Specification

Electrical

Maximum Output Power	30 kW
Input Supply	3 Phase 5 wire AC Supply
Input Supply Rating	3 Phase 380-480 Vac
Nominal Input Power (Approx.)	32 kVA
Input Frequency	50/60 Hz
Output Voltage Per Gun	150 - 1000 Vdc (150-500 and 300-1000 seamless rise)
Output Max Current Per Gun	100 A
Metering	Grid Responsive Metering
Efficiency	>95% at Full Load condition
Power Factor	>0.98 at Nominal Load
Maximum Power Density	0.363 W/cm ³
Number of Power Modules	1
Individual Capacity of Power Modules	30kW
Short Circuit Current Rating	10kA
Safety Systems	Under Voltage, Over Voltage, Over Current, Single Phasing, Earth Leakage, Over Temperature, Surge Protection

Interface

Gun Configurations	Single CCS2
Charging Cable Length	5M
CMS Protocol	Ocpp 1.6J Upgradable to OCPP 2.0
User Interface	10.4 Inch full colored touch screen
Network Connection	3G/4G Sim Card, Ethernet
RFID	MIFARE ISO 14443 Type A

Environmental

Cooling of Cabinet	Forced Air Cooled
Cooling of Power Modules	Forced Air Cooled
Humidity (Non Condensing)	5%-95%
Max Operating Altitude	2000 M
Operating Temperature Range	Negative 20 Degree Celsius to 70 Degree Celsius (Derating beyond 55 Degree Celsius)
Storage Temperature Range	Negative 40 Degree Celsius to 70 Degree Celsius

Mechanical

IP Rating	IP 55
IK Rating	IK 10
Dimensions (Foot Print in W x D x H in mm)	NA
Dimensions (Maximum Points in W x D x H in mm)	459 x 245 x 734
Mounting	Wall or Stand

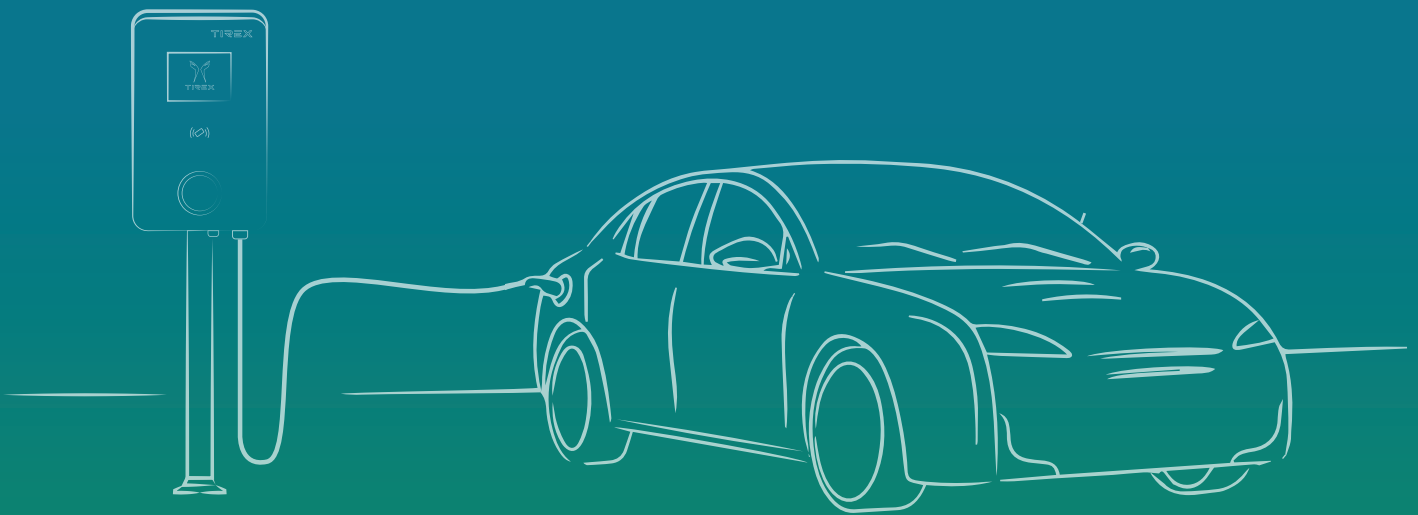
Standards Compliance

Electrical Safety	IEC 61851-1
Electromagnetic Compatibility	IEC 61851-21-2 IEC 61000-4
Other	AIS 138 Part 2
EV Communication	ISO 15118 - CCS2



We are Tirex Chargers, A Subsidiary of Gulf Oil Lubricants India Limited and part of the Hinduja Group. We specialize in advanced power electronics technology for fast-charging electric four-wheelers, buses, and trucks. Our core product range includes AC-DC converters integrated with an innovative operating system and high-level communication interface, enabling faster, safer, and more efficient charging.

5000+ Chargers on ground Robust Service Network Covering **300+** Cities
1,70,000+kW Deployed



TRUSTED BY ELITE GLOBAL CLIENTS



SWITCH



eka



DAIMLER

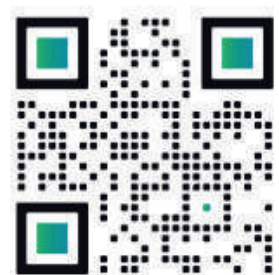


info@tirexchargers.com

www.tirexchargers.com

+91 8305305305

4th Floor, Maruti - The Ridge, Opp. Hotel Novotel,
Nr. Shivalik Shilp, Isckon Cross Road, SG Highway,
Ahmadabad, Gujarat 380015.



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