



**TIREX**

Powering Growth

# 7.4kW

## H O M E   C H A R G E R



# TECHNICAL SPECIFICATION

Electrical Specification	
Parameters	Description
Rated Voltage	230 VAC
Power Input	180 to 280VAC (1P+N+E)
Max Power	7.4kW
Rated Current	Max 32A
Input Frequency	50Hz
Control Pilot PWM Duty Cycle	53.33%
Over Voltage Trip	280VAC
Over Current Trip	34A
Residual current Detect	30mAAC & 6mADC
Proximity Pilot	
Parameters	Description
(Resistance Between PE and PP is 220 ohms)	Within EVSE Connector
Control Pilot Voltage Level	
Parameters	Description
(As per Standard IEC 61851-1)	(+/-12V)



## Control Pilot Voltage Level after connection

Parameters	Description
(As per Standard IEC 61851-1)	+12V, +9V, +6V

## Mechanical Specifications

Parameters	Description
Dimensions	424(L)x222(W)X121(D)(in mm)
Weight	2.5 Kg
EVSE Connector Outlet	IEC 62196 Type 2
Enclosure Protection Class	IP65

## Environmental Condition

Parameters	Description
Operating temperature	(-25°C) to +55°C
Storage temperature	(-40°C) to +85°C
Humidity	Up to 95%, non-condensing
Altitude	Max. 2000 m above sea level

## Indication Condition

Parameters	Description
Visual Indications 4 Bright LEDs	Power ON - Blue
	Car Connected - Orange
	Charging Green
	Fault - Red





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



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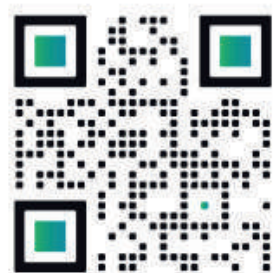


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