



**TIREX**

Powering Growth

# 3.3kW

Portable EVSE



# TECHNICAL SPECIFICATION

| Electrical Specification   |                                     |
|--|-------------------------------------|
| Parameters   | Description                         |
| Input / output AC voltage (Single phase 3 wire with Protective Earth (PE))             | AC 240V(-30%+20%)<br>[168V to 288V] |
| Input / Output current (AC)  | 16 Amps                             |
| Power (Input and Output)   | 3.3 KW                              |
| Car charging current   | 12 to 16 Amps                       |
| Control Pilot PWM duty cycle   | 25%                                 |
| Proximity Pilot<br>(resistance between PE and PP is 220 ohms)                          | Within EVSE connector               |
| Control Pilot voltage level<br>(as per standard IEC IEC61851-1)                        | +/- 12V                             |
| Control Pilot voltage levels after connection<br>(as per standard (as per IEC61851-1)) | +12V, +9V, +6V                      |
| EVSE connector outlet (@ 20 A)   | IEC 62196 Type 2                    |
| Over Current load protection   | At 16.5 Amps                        |
| EVSE outlet cable IEC 62196 Type 2 20 Amp  | TTEV20A-IP5T2                       |



## Electrical Specification

| Parameters                                    | Description  |
|---|--|
| Input power plug (fire retardant)             | 15 Amp, 3 pin  |
| Enclosure protection class                    | IP 65  |
| Operating temperature                         | -10°C to +55°C   |
| Storage temperature                           | -40°C to 60°C  |
| Humidity (non-condensing)                     | 85%  |
| Visual Indications 4 bright LEDs              | Power On – Blue<br>Car connected – Orange<br>Charging – Green<br>Fault – Red |
| Over current protection fault                 | Slow blinking Red  |
| PE(Protection Earth fault - residual current) | Fast blinking Red  |
| Mounting                                      | Hand held portable   |
| Dimension in mm (Box) approx                  | 260(L) x 80(W)x 45H)   |
| Weight including cable (approx)               | 3.5 Kg   |





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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TATA POWER

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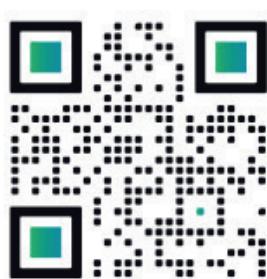


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