

TEKNIC EV INPUT CHARGING CABLE – FEMALE

PRODUCT PHOTOGRAPH:



TEKNIC ELECTRIC (I) PVT LTD.

H. O.: 703, Madhava, Bandra Kurla Complex, Bandra (E), Mumbai - 400 051. INDIA

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ABOUT THIS ITEM:

- A versatile electric charging cable for both commercial & domestic usage.
- Unique Space saving design & ready to install.
- Enables charging of your electric vehicle at your home or office premises.
- Can charge electric vehicles using standard 110 Voltage, single phase AC supply.

- An Electric Vehicle charging cable system comprises of a charging cable from main power inlet to the charging socket mounted on the Vehicle, with an in - built RCD device for protecting the Driver, Vehicle Charger & other electrical parts from different failure modes. The Vehicle Side Socket is internally connected to the Charger with a harness specific to the vehicle requirements.



APPLICATIONS:

- Applicable for use at Homes, Garages, Car Parks & Public Charging Stations to charge our electric vehicles.
- Provides complete electrical protection against any incoming faults for safe charging.
- Suitable for Indoor & Outdoor installation.

SAFETY FEATURES:

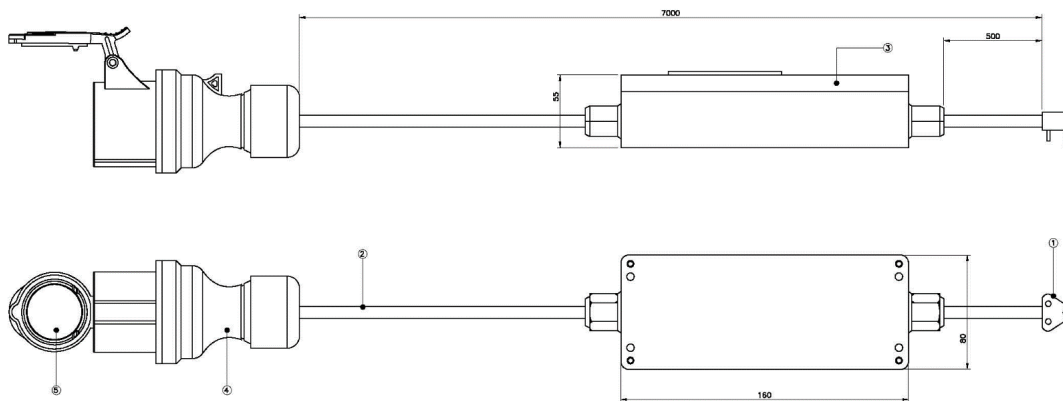
- High resistance to chemical & atmospheric agents
- Corrosion proof
- Excellent Durability
- Light in weight for easy transportation & installation.

BASIC SCHEMATIC:

The charging side assembly broadly consists of three parts ---

- Supply side plug and cable
- RCD
- Vehicle side connecting plug

This assembly connects to the main inlet power supply 110 VAC on one side, and through the RCD unit supplies power to the vehicle by the vehicle side connecting plug.



MECHANICAL SPECIFICATION:

PROTECTION CLASS	: IP 54 ingress protection against dust, dirt, oil & other non-corrosive materials. Splash protection from any direction.
MATERIAL	: Polycarbonate thermoplastic material, providing excellent impact strength, high thermal insulation & good UV protection features. Lightweight & easy to install
OPERATING TEMPERATURE	: -25 ° C to + 40 ° C
LENGTH OF CABLE	: 6 meters cable provided for ease of access.

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GENERAL SPECIFICATION:

This specification describes the functional requirements of the charging cable used to charge an Electric Vehicle (EV). The Charging Cable consisting of an RCD unit, at one end, which has been designed to suit the charging of the (EV) from a domestic 220 VAC, 16 Amps main power inlet socket and at the other end, will have a 3 pin Industrial type Female Plug, suitable for 220 VAC. The design conforms to IEC 61851 and IEC 62195 standards. Our system is TYPE 1, MODE 2 charging system. The 3 pin Industrial Male socket is fitted on the EV on the charge port area. The charging cable which has the 3 pin Female Plug will be attached to the Male Socket thus completing the EV charging mechanism.

ITEM TYPE	: ELECTRIC VEHICLE INPUT CHARGING CABLE – FEMALE
ITEM CODE	: D11248910AB (110 VAC)
BRAND	: TEKNIC
COLOUR	: As shown in the picture
SUITABLE LOCATION	: Mount in a dry area/location for best results
APPLICATION AREA	: Suitable for both indoor & outdoor installations
MOBILITY	: Light weight construction ensures ease of mobility
USAGE	: Plug IN the domestic plug to the input power source, and the other end to the inlet of the Electric Vehicle
PACKAGE LIST	: 01 nos Charging Cable unit & 01 nos data sheet
WARRANTY	: 12 months from the date of supply against any manufacturing defects
RECOMMENDATION	: To be installed by qualified/licensed electrical personnel/contractor
COUNTRY OF ORIGIN	: INDIA

ELECTRICAL SPECIFICATION:

VOLTAGE RATING	: 110 VAC, Single Phase, 50 Hz
CURRENT RATING	: 16 Amps
CABLE SIZE	: Use minimum 2.5 sq mm 3 Core Flexible cables. Use appropriate cables lugs & glands
INDUSTRIAL PLUGS	: 16 Amps, 3 Pin, Single Phase, 230 VAC, Domestic plug. : 16 Amps, 3 Pin, Single Phase, 230 VAC, IP 54, Straight Industrial Female plug as per IEC 60309