

### **BRIDGING THE GAP ACROSS 60 DIFFERENT COUNTRIES**



## THE POWER BEHIND THE POWER



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#### **KEI Industries Limited**

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# ELECTRIC VEHICLE CHARGING CABLES



# ABOUT US

KEI has been at the forefront of India's wire and cable Industry for more than 5 decades. The unblemished track record has earned the patronage of leading Industrial houses, project consultants and architects. In order to provide reliable and expedient services to the customers, KEI has established world-class manufacturing facilities at Silvassa, Chopanki, Bhiwadi, Pathredi and Chinchpada. KEI's strict adherence to the most stringent international quality standards has been amply rewarded through stamps of approval via ISO and NABL certifications for Quality Management, Environment Management and for the testing laboratories.

The company has pioneered innovations in high-performance cables and wires. Its vast portfolio, apart from EHV (extra high voltage) cables up to 400 kV, MV (medium voltage), HT (heavy tension) and LT (low tension) cables, also includes control and instrumentation cables, rubber cables, thermocouple cables, zero halogen cables, braided cables, single and multi-core flexible cables, house wire and stainless steel wires.

What gives KEI an upper hand is its quick response rate to customer demands across a wide spectrum of sectors such as power, defence, solar energy, offshore oil refineries, shipping, mining, welding, railways, automobiles, telephones, cement, steel, fertilisers, textiles and real estate.

Today, KEI is a one-stop-shop when it comes to meeting cabling requirements for the domestic, power and Industrial sectors.

# **ISO CERTIFICATES**









## **EV CABLES**

Charging cables for electric vehicles

#### **APPLICABLE STANDARDS**

BS EN 50620:2017

#### **VOLTAGE RATING**

Up to 300/500 & 450/750 Volts

#### **CODE DESIGNATION**

H05BZ5-F or H05BZ6-F or H07BZ5-F or H07BZ6-F

#### **PRODUCT RANGE**

300/500 V - 1,5 mm2 and 2,5 mm2 450/750 V - 1,5 mm2 3C and 2,5 mm2 to 35mm2 - 3,4 and 5 core. CC/CP cores- 0,5 mm2 and 1,0 mm2number of cores not specified

## CONSTRUCTION DETAILS CONDUCTOR

Annealed Bare OR Tinned Copper Class5
TAPE OVER CONDUCTOR (If Required)

#### **INSULATION**

Extruded Halogen free EVI-2

\* Customized cable design as per project/customer requirement available.

#### **INTERSTITIAL FILLERS**

Fillers shall be composed of one of the following or of any combination of the following: a compound based on polymeric materials; or natural or synthetic textiles; or paper.

#### **OUTER SHEATH**

Extruded Halogen free EVM-1 (Z5) OR EVM-2 (Z6)

#### **COLOUR SCHEME**

3 core cable: green-and-yellow, blue, brown 4 Core cable: green-and-yellow, brown, black, grey 5 core cable: green-and-yellow, blue, brown, black, grey. The colours of pilot and/or control cores shall be clearly identified and different to the power cores.

