

# KEI<sup>®</sup>

Wires & Cables

BRIDGING THE GAP ACROSS 60 DIFFERENT COUNTRIES



THE POWER BEHIND THE POWER



Scan to reach other offices

## KEI Industries Limited

REGISTERED AND CORPORATE OFFICE:

D-90, OKHLA INDUSTRIAL AREA PHASE-I, NEW DELHI-110020, TEL: +91-11-26818840/8642/0242 FAX: 26817225, 26811959  
E-MAIL: info@kei-ind.com WEBSITE: www.kei-ind.com Toll Free no: 1800 410 0000 CIN NO: L74899DL1992PLC051527



# KEI<sup>®</sup>

Wires & Cables



## EV CHARGING CABLES & GUNS

Recharge the planet  
WITH NEW AGE EV SOLUTIONS BY KEI



**IT'S TIME TO  
TAKE THE  
RIGHT  
DECISION**

[www.kei-ind.com](http://www.kei-ind.com)



**MR. ANIL GUPTA**

Chairman & Managing Director  
KEI Industries Limited

## CMD'S MESSAGE

KEI Industries, an Indian MNC founded in 1968, is a global leader in wire and cable solutions having an extensive range of world-class products and services. With multiple robust and cutting edge manufacturing facilities and a vast network of more than 30,000 channel partners, KEI serves clients in 65+ countries, establishing itself as a one-stop-shop for comprehensive wire and cable solutions. The company achieved a turnover of INR 8000+ crore in the fiscal year 2023-24.

As the world faces the pressing challenges of global warming and climate change, KEI Industries is dedicated to leading the way towards a sustainable and a carbon-neutral future. Our dedication involves using clean gas and solar energy, alongside advanced air and water treatment systems, to eliminate hazardous chemicals and ensure a safe, sustainable environment. Our diverse array of products also reflects our strong commitment towards building an eco-friendly efficient surrounding. With an ongoing focus on innovation, KEI is positioned to lead in sustainability while meeting the demands of global consumers through using cutting-edge technologies, driving progress and setting new standards for environmental responsibility.

## STATE OF THE ART MANUFACTURING FACILITIES 8 UNITS..!



BHIWADI  
RAJASTHAN



CHOPANKI  
RAJASTHAN



PATHREDI-1  
RAJASTHAN



PATHREDI-2  
RAJASTHAN



RAKHOLI  
DADRA AND NAGAR  
HAVELI



CHINCHPADA  
DADRA AND NAGAR  
HAVELI

## BUILDING THE NATION...! PRESTIGIOUS PROJECTS WIRED BY KEI



RAM MANDIR



WORLD'S TALLEST  
STATUE OF UNITY



WORLD'S  
LARGEST NARENDRA  
MODI STADIUM



PARLIAMENT OF  
INDIA



KONKAN RAILWAY  
PROJECT



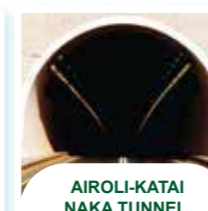
INDIA'S LONGEST  
BOGIBEEL BRIDGE



BULLET TRAIN



INDIAN INSTITUTE  
OF TECHNOLOGY  
BOMBAY



AIROLI-KATAI  
NAKA TUNNEL



MUMBAI COASTAL  
ROAD MEGA PROJECT



MUMBAI MONORAIL



MUMBAI NAGPUR  
SAMRUDDHI HIGHWAY

### FLEXIBLE & LIGHTWEIGHT

KEI EV Charging Cables are easy to handle as they have optimum dimensions, which make them lightweight, flexible and sustainable.

### WEATHER-RESISTANT

KEI EV Charging Cables are highly resilient and can be installed in extreme weather conditions. They will continue to be safe and efficient.

### IMPACT-RESISTANT

KEI EV Charging Cables can withstand any mechanical impact as they are based on cross-linked control core concept. That gives them improved longevity.

## KEI CHARGE EV H07BZ5-F 450/750 V



### APPLICATION

AC charging cable

### CHEMICAL PARAMETERS

Zero halogen, corrosiveness of the combustion gases	:EN 50525-1 Annex B
Performance against fire	:EN 60332-1-2
Resistance to oil	:EN 60811-404
UV-resistance	:Yes
Ozone resistance	:EN 50396 part 8.1.3

### THERMAL PARAMETERS

Max. operating temperature of the conductor	: 90°C
Ambient temperature in fully flex operation	: min. -40° C / max. 60° C

### MECHANICAL PARAMETERS

Max. tensile load on the conductor	: 50 N/mm <sup>2</sup>
Bending radii min.	: acc. to VDE 0298-3

### GLOBAL DATA

Brand	: KEI CHARGE EV
Type designation	: H07BZ5-F
Standard	: EN 50620 and IEC 62893
Certification	: TUV-R

### DESIGN FEATURES

Conductor	:Bare copper, class 5 acc. to EN/IEC 60228
Insulation	:LSZH specially formulated compound
Core identification	:HD 308 S
CC/CP cores	:LSZH specially formulated compound
Outer sheath	:Fire retardant TPU
Outer sheath Colour	:Black, any other colours on request

### ELECTRICAL PARAMETERS

Rated voltage	:450/750 V
---------------	------------

### SPECIFICATIONS

Number of Cores x Cross Section	Conductor Diameter nom. mm	Outer Diameter		Weight (Approx.) kg/km
		min. mm	max. mm	
3c x 2.5 sq.mm + 1 x 0.5 sq.mm	2.0	9.3	11.9	130
3c x 6 sq.mm + 1 x 0.5 sq.mm	3.10	12.3	15.7	265
3c x 35 sq.mm + 3 x 0.75 sq.mm	7.60	25.7	32.9	1300
5c x 2.5 sq.mm + 1 x 0.5 sq.mm	2.0	11.7	15	215
5c x 6 sq.mm + 1 x 0.5 sq.mm	3.1	15.4	19.7	410
5c x 10 sq.mm + 1 x 0.5 sq.mm	4.1	18.3	23.4	675
5c x 16 sq.mm + 1 x 0.75 sq.mm	5.2	22	28.4	960

## KEI CHARGE EV S1BZ5-F 1.5 kV DC



## APPLICATION

DC fast charging cable.

## CHEMICAL PARAMETERS

Zero halogen, corrosiveness of the combustion gases	: EN 50525-1 Annex B, IEC 62821-1
Performance against fire	: EN 60332-1-2
Resistance to oil	: EN 60811-404
UV-resistance	: Yes
Ozone resistance	: EN 50396 part 8.1.3

## THERMAL PARAMETERS

Max. operating temperature of the conductor	: 90°C
Ambient temperature in fully flex operation	: min. -40° C / max. 60° C

## MECHANICAL PARAMETERS

Max. tensile load on the conductor	: 50 N/mm <sup>2</sup>
Bending radii min.	: acc. to VDE 0298-3

## GLOBAL DATA

Brand	: KEI CHARGE EV
Type designation	: S1BZ5-F
Standard	: IEC 62893-4-1, type 62893 IEC 126
Certification	: TUV-R

## DESIGN FEATURES

Conductor	: Bare copper, class 5 acc. to EN/IEC 60228
Insulation	: LSZH specially formulated compound
Core identification	: IEC 62893-1
CC/CP cores	: LSZH specially formulated compound
Outer sheath	: Special TPU type EVM-1
Outer sheath Colour	: Black, any other colours on request

## ELECTRICAL PARAMETERS

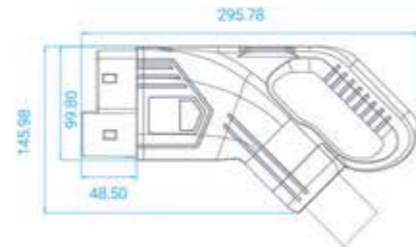
Rated voltage	: 600/1000V
---------------	-------------

## SPECIFICATIONS

Number of Cores x Cross Section	Insulation Thickness nom. mm	Outer Sheath Thickness (Approx.) mm	Outer Diameter mm(Max)	Weight (Approx.) kg/km
3c x 16 sq.mm + 3 x (2 x 0.75 sq.mm)	0.8	1.5	20.7	680
2c x 35 sq.mm + 1c x 16 sq.mm + 3 x (2 x 0.75 sq.mm)	1	1.9	29.7	1205
2c x 35 sq.mm + 1c x 16 sq.mm + 1 x (4 x 0.75 sq.mm) + 2 x (2 x 0.75 sq.mm)	1	1.9	29.7	1350
2c x 35 sq.mm + 1c x 25 sq.mm + 3 x (2 x 0.75 sq.mm)	1	1.9	29.7	1275
2c x 50 sq.mm + 1c x 25 sq.mm + 3 x (2 x 0.75 sq.mm)	1.1	2.2	34.8	1600
2c x 70 sq.mm + 1c x 35 sq.mm + 3 x (2 x 0.75 sq.mm)	1.2	2.5	40.7	2150
2c x 70 sq.mm + 1c x 35 sq.mm + 6 x 0.75 sq.mm	1.2	2.5	40.7	2150
2c x 95 sq.mm + 1c x 50 sq.mm + 3 x (2 x 0.75 sq.mm)	1.2	2.7	45.1	2400
5c x 50 sq.mm + 6 x 1.5 sq.mm	1.1	2.2	36.4	3065

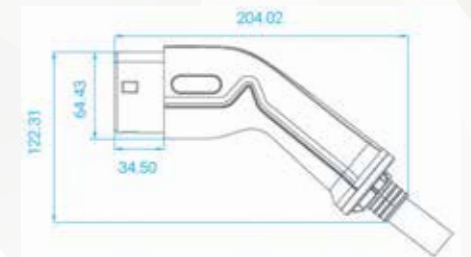
## CCS2 HIGH-POWER NATURAL COOLING (CCS2 DC CHARGING)

This has Ultrasonic terminal welding technology with a contact resistance close to zero. It never heats up too much, which makes the charging process safer and also makes it long-lasting.



## TYPE2 AC (TYPE2 VEHICLE SIDE AC CHARGING)

- Classic design, durable, and a worldwide best seller
- Ergonomic design and comfortable grip that perfectly fits the human hand



### SPECIFICATIONS

Rated Current	125A-350A	Casing Material	Thermoplastic
Rated Voltage	1000V DC	Terminal Material	Copper alloy, silver plated
Insulation Resistance	>500MΩ	Operating Environment Temperature	-30° C to +50° C
Contact Resistance	0.5 mΩ Max	Terminal Temperature Rise	<50K
Withstand Voltage	3500V	Insertion & Withdrawal Force	<100N
Flammability Rating	UL94V-0	Warranty	18 months/10000 Mating Cycles
Mechanical Lifespan	>10000 Mating Cycles		
Casing Protection Rating	IP55		

### SPECIFICATIONS

Rated Current	16A/32A	Casing Protection Rating	IP55
Rated Voltage	250V/ 480V AC	Casing Material	Thermoplastic
Insulation Resistance	500MΩ	Terminal Material	Copper alloy, silver plated
Contact Resistance	0.5 mΩ Max	Operating Environment Temperature	-30° C to +50° C
Withstand Voltage	2500V	Warranty	18 months/10000 Mating Cycles
Flammability Rating	UL94V-0		
Mechanical Lifespan	>10000 Mating Cycles		

### PRODUCT PARAMETERS

Model No.	Rated Current	Cable Specification	Cable Material
FECCS2D125A_5	125A	2c x 35 sq.mm + 1c x 25 sq.mm + 3 x (2 x 0.75 sq.mm)	TPU
FECCS2D150A_5	150A	2c x 50 sq.mm + 1c x 25 sq.mm + 3 x (2 x 0.75 sq.mm)	TPU
FECCS2D200A_5	200A	2c x 70 sq.mm + 1c x 35 sq.mm + 3 x (2 x 0.75 sq.mm)	TPU
FECCS2D250A_5	250A	2c x 70 sq.mm + 1c x 35 sq.mm + 3 x (2 x 0.75 sq.mm)	TPU
FECCS2D300A_5	300A	2c x 70 sq.mm + 1c x 35 sq.mm + 2 x 0.75 sq.mm(P2) + 2x (2 x 0.75sq.mm)	TPU
FECCS2D350A_5	350A	2c x 70 sq.mm + 1c x 35 sq.mm + 2 x 0.75 sq.mm(P2) + 2x (2 x 0.75sq.mm)	TPU

### PRODUCT PARAMETERS

Model No.	Rated Current	Cable Specification	Cable Material
FETYP2A16AS_5	16A (Single Phase)	3c x 2.5 sq.mm + 1c x 0.5 sq.mm	TPU
FETYP2A16AP_5	16A (Three phase)	5c x 2.5 sq.mm + 1c x 0.5 sq.mm	TPU
FETYP2A32AS_5	32A (Single Phase)	3c x 6 sq.mm + 1c x 0.5 sq.mm	TPU
FETYP2A32AP_5	32A (Three phase)	5c x 6 sq.mm + 1c x 0.5 sq.mm	TPU

# EV PORTABLE CHARGER

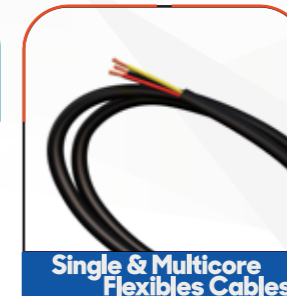
WORLD CLASS QUALITY, INCREDIBLE RANGE.  
WIRES AND CABLES SPECIALIST



Experience the  
**FUTURE OF**  
convenience  
**OUR NEW EV PORTABLE CHARGER**  
**COMING SOON!!**



House Wires



Single & Multicore Flexibles Cables



Winding Wires



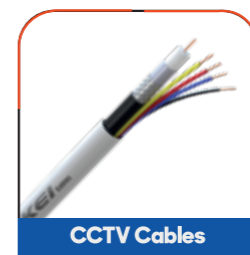
Flat Cables



CAT 6 Cables



Co-Axial Cables



CCTV Cables



Telephone Cables



Solar Cables



Rubber Cables



Stainless Steel Wires



LV Cables



HV Cables



Control Cables



MVCC Cables



EHV Cables



Fire Survival Resistant Cables



Instrumentation Cables



EV Charging Cable & Gun



Marine & Offshore Cables



Thermo-couple Cables

WIDEST RANGE OF WIRES AND CABLES FROM 1.1KV UP TO 400KV

