

Charging Pile / EV Charging Cable

EV charging cable for charging pile and EVSE connection

Charging Pile / EV Charging Cable is prepared for preliminary product selection and quotation review. This product is used for EV charging systems where voltage/current rating, conductor size, flexibility, sheath performance and charging equipment requirements must be reviewed together.



VOLTAGE

450/750V, 1000V

CONDUCTOR

Flexible copper conductor route, according to product standard

TYPICAL USE

EV charging stations

STANDARDS

EN 50620; IEC 62893; UL 2251

DATA SCOPE

1 technical table(s) included for preliminary selection

SELECTION NOTE

Confirm special performance, voltage, conductor, standard and installation condition.

For quotation review, provide cable type, standard, size, quantity and project destination.

ethan@farwalkcable.com | +86 155 5800 6344

Application & Selection Summary

Typical applications

- EV charging stations
- charging piles
- EVSE connection
- outdoor charging infrastructure
- flexible charging cable assemblies.

Selection logic

- Confirm voltage and current rating, conductor size, core arrangement, flexibility, sheath material, temperature rating and applicable charging standard.

Construction Overview

Item	Website-ready content
Product route	Flexible copper conductor with insulation, optional signal/control cores and outer sheath according to the selected EV charging cable standard.
Voltage	450/750V, 1000V
Conductor	Flexible copper conductor route, according to product standard
Standards	EN 50620; IEC 62893; UL 2251
Confirmation	Final structure, dimensions and packing should follow selected standard, quotation review and order specification.

Readable Data Index

Data route	Size / rating range	Construction	Diameter / OD	Resistance / weight / rating
Charging Pile / EV Charging Cable - Technical Table 1	See table	See table	See table	16A - 250A

Data boundary: these tables support website launch, quotation review and preliminary product selection. For project execution, final dimensions, electrical performance, packing and compliance documents should be confirmed against the selected project standard and order specification.

Charging Pile / EV Charging Cable - Technical Table 1

Reference table for preliminary selection and quotation review.

Charging Type	Configuration (Power + Signal)	Approx. OD (mm)	Current (A)	Voltage Rating
1-Phase AC (Type 1/2)	3 x 2.5mm ² + 1 x 0.5mm ²	11.5	16A	450/750V AC
1-Phase AC (Type 1/2)	3 x 6.0mm ² + 1 x 0.5mm ²	14.2	32A	450/750V AC
3-Phase AC (Type 2)	5 x 2.5mm ² + 1 x 0.5mm ²	13.8	16A	450/750V AC
3-Phase AC (Type 2)	5 x 6.0mm ² + 1 x 0.5mm ²	17.5	32A	450/750V AC
DC Fast Charge (CCS/GB)	2 x 35mm ² + 1 x 25mm ² + 2 x 1.5mm ²	28.5	125A	1000V DC
DC Fast Charge (CCS/GB)	2 x 50mm ² + 1 x 25mm ² + 2 x 1.5mm ²	32.0	200A	1000V DC
DC Fast Charge (CCS/GB)	2 x 70mm ² + 1 x 25mm ² + 2 x 1.5mm ²	36.5	250A	1000V DC