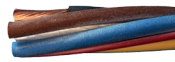


HELUPOWER® CHARGE-750-AC

flexible, flame retardant



HELUPOWER® CHARGE 750 AC CE

TECHNICAL DATA

E-Mobility charging cable according to DIN VDE 0285-620 / DIN EN 50620 / GB/T 33594-2017

Temperature range	flexible -40°C bis +90°C fixed -40°C bis +90°C
Permissible operating temperature of the conductor	+90°C
Nominal voltage	U ₀ /U 450/750 V AC
Test voltage	signal cores: 2000 V DC power cores: 2500 V AC complete cable: 3500 V AC
Minimum bending radius	flexible 7,5 x Kabel-Ø fixed 4 x Kabel-Ø

CABLE STRUCTURE

- power and signal cores: bare copper conductor acc. to DIN VDE 0295 cl. 5, fine wire, IEC 60228 Kl. 5
- core insulation: halogen-free polymer type EVI-2 acc. to DIN EN 50620
- core identification: signal cores acc. to DIN VDE 0285-620 / DIN EN 50620 and DIN VDE 0293-334 / DIN EN 50334
power supply cores: colour coding acc. to DIN VDE 0293-308 and HD 308 S2
- outer sheath: halogen-free polymer type EVM-1 acc. to DIN EN 50620
- outer sheath colour: black or red (RAL 3020)
- with meter marking

PROPERTIES

- resistant to: oil, UV radiation
- halogen-free
- flame retardant

TESTS

- oil resistant acc. to DIN VDE 0207-363-10-2 / DIN EN 50363-10-2
- flame retardant acc. to DIN VDE 0482-332-1 / DIN EN 60332-1 / IEC 60332-1
- halogen-free acc. to DIN VDE 0285-620 / DIN EN 50620
- UV-resistant acc. to DIN VDE 0285-620 / DIN EN 50620

APPLICATION

E-Mobility charging cable for multiple use scenarios. It can be used for charging electronic vehicles at public charge stations like parking areas, near highways or in garages as well as at domestic sockets. The UV and oil resistance ensure a reliable charging process indoors and outdoors. Due to its TPE-U outer sheath it even withstands harsh handling on concrete.

NOTES

- other constructions or outer sheath colours available on request
- UL 62 charging cable available on request
- can also be delivered for alternating current as HELUPOWER® CHARGE 1200 DC

outer sheath: black

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Copper weight kg/km	Weight app. kg / km
17001062	3 G 1.5 + 1 x 0.5	9.5	48.0	115
17001063	3 G 1.5 + 2 x 0.5	9.5	53.0	125
17001064	3 G 2.5 + 1 x 0.5	10.0	77.0	153
17001065	3 G 2.5 + 2 x 0.5	10.0	82.0	161
17001066	5 G 2.5 + 1 x 0.5	12.8	125.0	238
17001067	5 G 2.5 + 2 x 0.5	12.8	130.0	245
17001068	5 G 2.5 + 4 x 0.5	13.4	140.0	263
17001069	3 G 6 + 1 x 0.5	12.8	178.0	293
17001070	3 G 6 + 2 x 0.5	12.8	183.0	300
17001071	5 G 6 + 1 x 0.5	16.0	293.0	455
17001072	5 G 6 + 2 x 0.5	16.0	298.0	461
17001073	5 G 16 + 1 x 1	22.7	778.0	1100

outer sheath: red

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Copper weight kg/km	Weight app. kg / km
17001074	3 G 1.5 + 1 x 0.5	9.5	48.0	115
17001075	3 G 1.5 + 2 x 0.5	9.5	53.0	125
17001076	3 G 2.5 + 1 x 0.5	10.0	77.0	153
17001077	3 G 2.5 + 2 x 0.5	10.0	82.0	161
17001078	5 G 2.5 + 1 x 0.5	12.8	125.0	238
17001079	5 G 2.5 + 2 x 0.5	12.8	130.0	245
17001080	5 G 2.5 + 4 x 0.5	13.4	140.0	263
17001081	3 G 6 + 1 x 0.5	12.8	178.0	293
17001082	3 G 6 + 2 x 0.5	12.8	183.0	300
17001083	5 G 6 + 1 x 0.5	16.0	293.0	455
17001084	5 G 6 + 2 x 0.5	16.0	298.0	461
17001085	5 G 16 + 1 x 1	22.7	778.0	1100