



JSC "ELINTA"

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EV Charging point installation requirements

HomeBox 22 kW

1. City Charge D specifications:

Requirements for mains power feed	3 phase, 400 V AC: PE, N, L1, L2, L3 / 50 Hz
Max current	40 A
Max power	22 kW / 3,7 kW

2. Requirements for mains cable:

Mains cable	1 pcs. multicore copper cables 5x6 mm ² (up to 30 m.)
Cable height from ground	0,5 m.
Circuit breaker device inside distribution cabinet	1 pcs. 40 A, 30 mA, 3 pole, C characteristic
Cable protection	Cable should be mounted using protective tube

- EV Charging point must be installed only by the professionals, who is conversant with electrical safety instructions. Person, who installed charging point is responsible for correct functioning and safe usability of the charging point, considering all the laws and rules applicable in the country in which charging point is installed
- Mains power feed cable must be installed only by the professionals. Extra caution must be taken choosing cable cross-sectional area and protection devices: MCB; RCCB. Also acceptable earth resistance must be guaranteed. It is recommended to perform resistance measurements of transient contacts and the ground loop resistance.



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