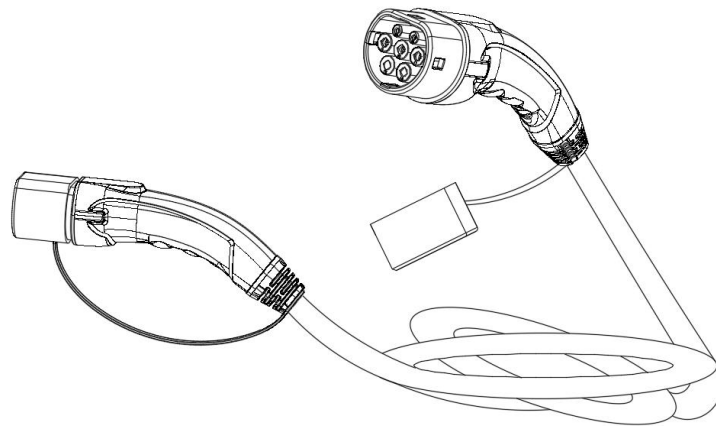


EV Charging Cable User Manual

Type

- 7KW 1-phase 32A
- 11KW 3-phase 16A
- 22KW 3-phase 32A



IP54



Qualify 2ton
Drive Over



Flame Retardant
94-V0



Withstand Voltage
2000V





IEC62196-2
Type2



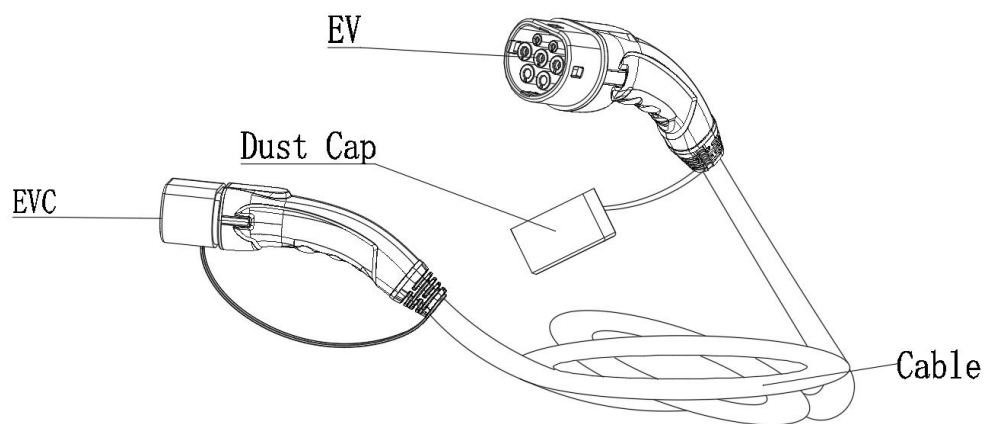
No-load Plug
>10000 Times

Symbol meaning

| Symbol | Meaning |
|--|---|
|  | <p>"Non-recyclable" mark: located on the product, instruction manual or package, indicating that electrical and electronic equipment and its accessories should be treated separately from ordinary household waste. When scrapped, it should be treated as industrial waste, otherwise it may cause accidents.</p> |
|  | <p>Warning sign: indicates danger. Pay attention to the personal injury that may be caused by operation procedure or incorrect operation. Actions after the "warning" mark can only be performed when the conditions indicated by the condition are fully understood and satisfied.</p> |

The company is committed to the continuous improvement and update of the product, product hardware and software will continue to upgrade, the information provided is subject to change without prior notice.

Product overview



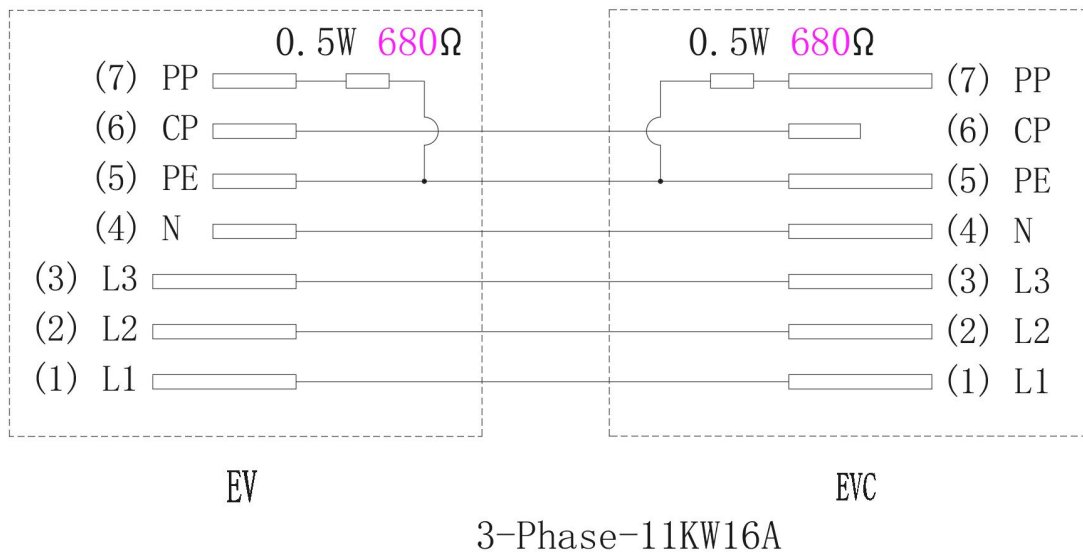
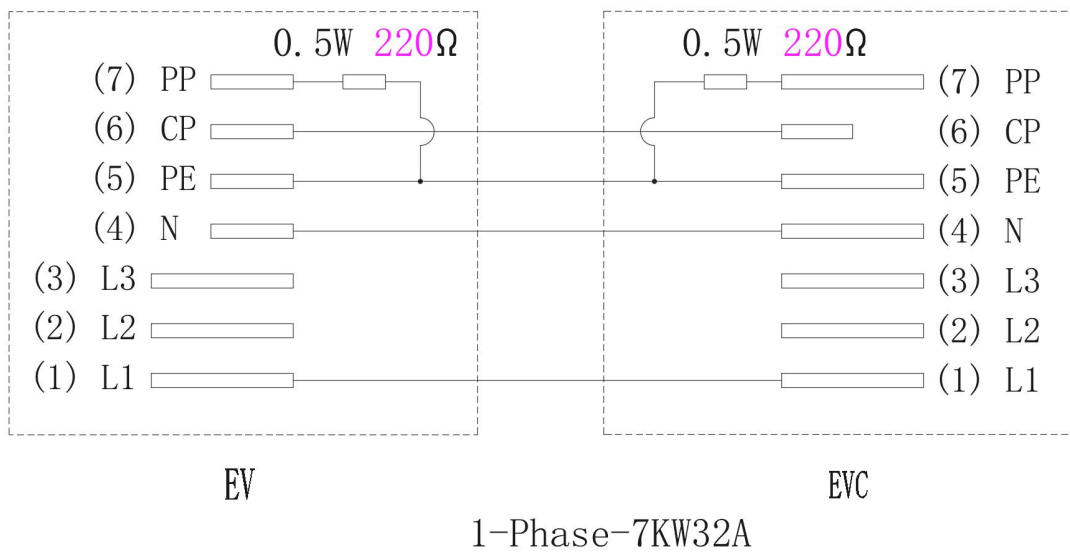
These EV charging cable,by standard IEC/EN 62196 type 2,are intended to be used in EV.

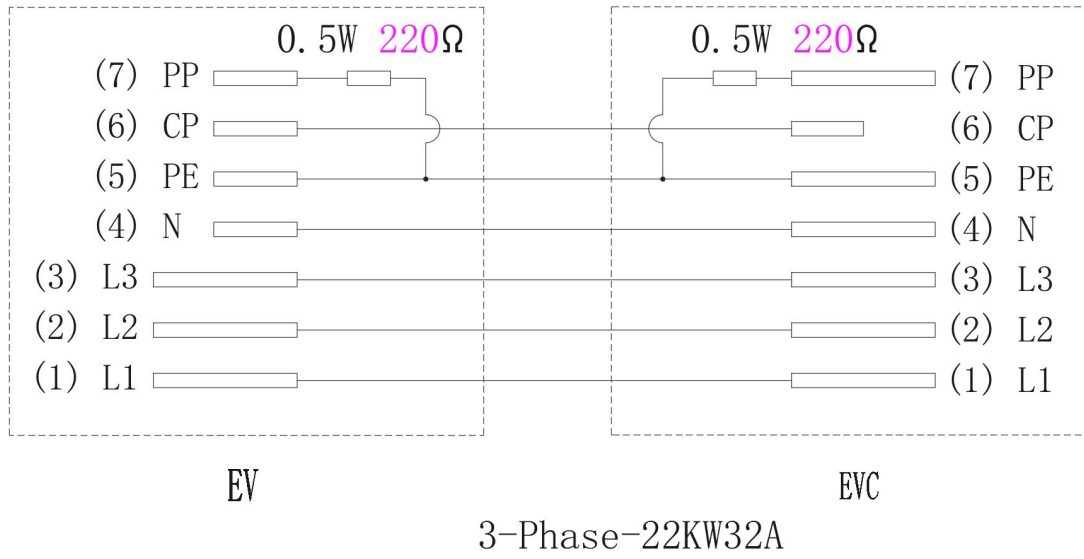
Conductive charging systems and for circuits specified in IEC 61851-1.it is to be used in an ambient temperature of between -30°C and $+50^{\circ}\text{C}$ by simply plugging usage.

Technical data

| | | | |
|--------------------------------|-------------------------|-------------------------|-------------------------|
| Model No: | STGEE-11/7 | STGEE-11/11 | STGEE-11/22 |
| Rated power: | 7KW | 11KW | 22KW |
| Phases: | 1-phase | 3-phase | 3-phase |
| power contacts: | L1/N/PE | L1/L2/L3/N/PE | L1/L2/L3/N/PE |
| Rated voltage: | AC250V | AC480V | AC480V |
| Rated current: | 32A | 16A | 32A |
| Cables: | 5G6+1X0.5 | 5G2.5+1X0.5 | 5G6+1X0.5 |
| Coding resistor: | 220 Ω 0.5W | 680 Ω 0.5W | 220 Ω 0.5W |
| Note on the connection method: | Crimp termination | Crimp termination | Crimp termination |
| Mating cycles: | >10.000 | >10.000 | >10.000 |
| Extraction Force: | 80N<F<100N | 80N<F<100N | 80N<F<100N |
| Insulation resistance: | >1000M Ω | >1000M Ω | >1000M Ω |
| Resistance voltage: | 2000V | 2000V | 2000V |
| Contact resistance: | >0.5m Ω | >0.5m Ω | >0.5m Ω |
| Protection type: | IP54 | IP54 | IP54 |
| Fire rating: | UL94 V-0 | UL94 V-0 | UL94 V-0 |
| Operating temperature: | -30° C···+50° C | -30° C···+50° C | -30° C···+50° C |
| Storage temperature: | -40° C···+90° C | -40° C···+90° C | -40° C···+90° C |
| Plug compliance: | IEC 62196-2, 61962-2 | IEC 62196-2, 61962-2 | IEC 62196-2, 61962-2 |
| Material: | TPE-U | TPE-U | TPE-U |

Interlock function and circuit





WARNINGS

Please do not use any extension cord or adapter

Please do not use the charging cable if it is defective (racked frayed,broken or damaged in any means) .

Please do not plug the charging cable into a defective ,loose or worn power outlet.

Please do not insert the plug if any electrical outlet is wet or dirty.

Please do not dismantle the protective cap .It protects the charging connector from moisture and dirt .

After every use put the protective caps back on.

Please do not try to disassemble the shell or any part of the cable .It will cause damages to the item and thus cause serious results when charging.

Accordingly to your charging device and vehicle ,the power rate is backwards compliant ,yet could not handle higher power rate ,which will cause temperature rise and charging shutdown.

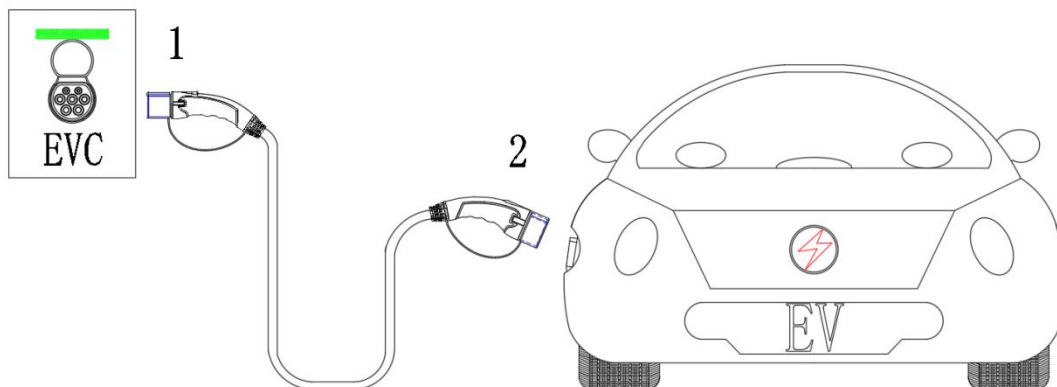
HANDLING

Please handle the charging cable with care .Do not pull ,twist ,tangle ,drag ,drop or step on it.

Usage

Please read your vehicle's charging instructions before using the charging cable .Check the outlet or charging station and the inlet on vehicle before inserting the plugs .The plug must be fully inserted into the outlet and inlet .Failure to do so will prevent the charging station from start charging

1. Insert the EVC plug.
2. Insert the EV plug.
3. Make sure both plugs are properly connected ,charging can start .
4. Do not disconnect the charging cable while the vehicle is charging.
5. After charging is completed unplug the charging cable from the vehicle,then from the charging station.



Thanks for reading

Versions: V1.0

Revise: 2024/1/13