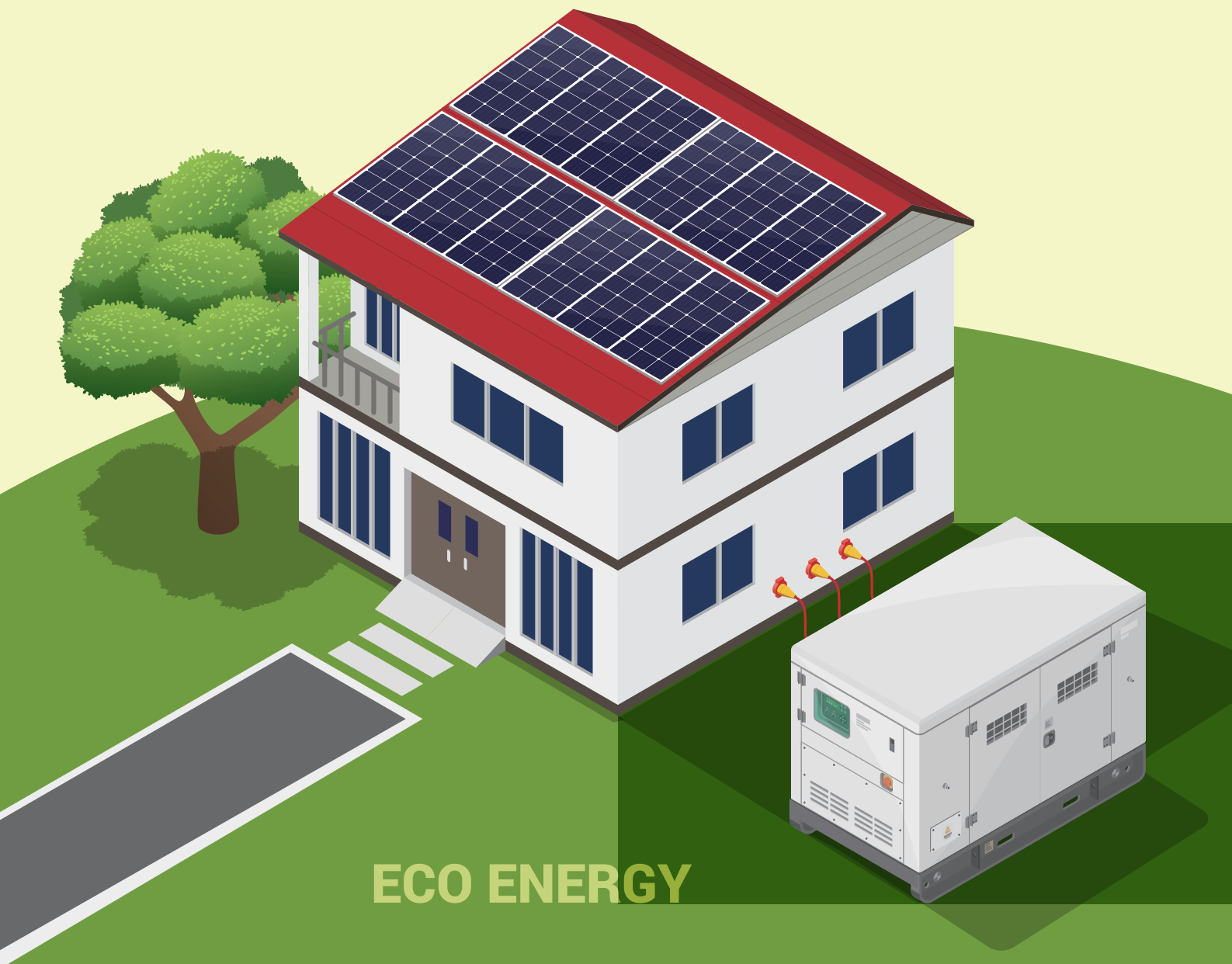




CHUNG KWANG

ELECTRIC WIRE AND CABLE CO., LTD.

Industrial Cables Series



ECO ENERGY



CHUNG KWANG ELECTRIC WIRE AND CABLE CO., LTD.

WE ARE 45 YEARS EXPERIENCE PROFESSIONAL MANUFACTURERS.

Chung Kwang Electric Wire & Cable was founded in 1979 with more than 40 years of experience in the wire & cable industry. OEM/ODM Customers design their cables based on industry and appliance requirements.

WE HAVE ESG CERTIFICATION AND MULTI-INTERNATIONAL CERTIFICATES.





PROFESSIONAL PRODUCTION LINE

Manufacturing Capabilities.

1. AC Charging Connector and Cables for EV
 - (1) One Connector / Two Connectors EV assembly
 - (2) Portable EV Charge Set
 - (3) EVJE, EVJT, EVE, EVT (4) EV Inlet
2. PV Connectors and Cables
 - (1) PV Connectors (2) PV Cables
3. Power Supply Cords
 - (1) Europe Standard (2) USA Standard
 - (3) Japan Standard
4. Underground Low-Energy Circuit Cables
 - Low Voltage Landscape Lighting Cable
5. Submersible Pump Lines
 - (1) Submersible Pump Cables
 - (2) Winding Wire for Submersible Pump
6. Industrial Cables
 - TC, TC-ER, DG





Industrial Cables Series

1. Applicable to Industrial Cables.
2. Used in all kinds of motors, controllers, tool machines, testing instruments, heavy industry equipment and other equipment.



Advantages

- Made in Taiwan.
- Excellent chemical resistance, Flame Retardant.
- RoHS & Reach Compliant.
- Suitable for oil resistance, warping resistance, high temperature resistance, UV resistance, low dust and other special environments.
- CHUNG KWANG Cables are exported to overseas more than 20 countries, and are widely praised and trusted by customers.



Power and Control Tray Cables

Model No. : CKW-TC 、 CKW-TC-ER

Construction

Conductor : Tinned annealed copper strand, Soft Bare Copper strand

Insulation : PVC with Nylon cover Type THHN/ THWN-2

Jacket : PVC Jacket

Filler : Cotton thread filler (If necessary)

Binder : Polyester flat thread binder for cable sizes larger than 2AWG (If necessary)

Approval and Technical specification

Approvals : UL 66, UL 83, UL 1277

Certificate No. : E338625

Rated voltage : 600 V

Conductor Size : 18 AWG ~ 2 AWG

Max. temperature : 90 °C dry, 90 °C wet

Specification :

- ASTM B3 Soft or Annealed Copper
- UL 83 Thermoplastic Insulated wires and Cables
- UL 1277 Electrical Power and Control Cable
- UL 1685-Flame Test
- UL 1581-Electrical Wires, Cables and Flexible Cords
- IEEE 1202/FT4-Vertical Tray Flame Test (70,000 Btu/hr)

Advantages

Excellent performance at temperature extremes, High heat and weather resistance, Excellent chemical and oil resistance, Extruded PVC or PVC+Nylon insulation available in colors, PVC jacket material provides tough, sun resistant, oil resistant, direct burial and high flammability.

Applications

- Primarily used for power, control, signal, communication and lighting circuits in commercial and industrial environments.
- Suitable for installation in cable trays, supported by messenger wire in open air, raceways, channels, conduits and ducts. Approved for direct burial and outdoors in cable trays where sunlight resistant is required. Also may be installed in wet or dry locations or in areas exposed to chemicals and oils.



Distributed Generation Cables

Model No. : CKW-DG-UL 3003

Construction

Conductor : Bare copper stranded, Solid or Stranded Copper

Insulation : PVC with Nylon cover Type THHN/ THWN-2

Jacket : PVC Jacket

Sheathed Color : Blue, Red, Green, Yellow, Blank and So on

Material Shape : Round or flat cable

Approval and Technical specification

Approvals : UL 3003

Certificate No. : E516020

Rated voltage : 600 V

Max. Operating Temperature : 90°C

Conductor Size : 18 AWG ~ 4/0 AWG

Material properties

Flame performance : FT 4

UV resistance : 720 hrs

Voltage withstand test (kV/1min) : AC 2.0

Max. DC conductor resistance(20°C)(Ω /km) : 5.43

Advantages

- DG cable may contain one or more grounding conductors.
- Each grounding conductor provided shall be of copper, aluminum, or copper-clad aluminum.
- UV Resistant, Flame Retardant, RoHS & Reach Compliant.

Applications

- Applied for PV Fitting Parts.
- Suitable for Roof, plenum and underground.
- DG cables play a crucial role in modern power distribution systems, facilitating the integration of renewable energy sources, such as solar panels, wind turbines, and small-scale generators, into the grid UL 3003.

Certificates

CERTIFICATE OF COMPLIANCE

Certificate Number 20151204-E338265
Report Reference E338265-20151204
Issue Date 2015-DECEMBER-04

Issued to: CHUNG KWANG ELECTRIC WIRE & CABLE CO LTD
33 Suey Tien Rd
San Ho Village
Wu Jih Hsiang
Taichung Hsien 414 TAIWAN

**This is to certify that
representative samples of** POWER AND CONTROL TRAY CABLE
Type TC (-ER)

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 444, Communication Cables
UL 1277, Electrical Power and Control Tray Cables with
Optional Optical-Fiber Members

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



Certificates

CERTIFICATE OF COMPLIANCE

Certificate Number E516020
Report Reference E516020-20210205
Date 2021-February-11

Issued to: CHUNG KWANG ELECTRIC WIRE & CABLE CO LTD
33 Suey Tien Rd
San Ho Village
Wu Jih District
Taichung 414 TW

**This is to certify that
representative samples of**

DISTRIBUTED GENERATION CABLE

Distributed Generation Cable (DG) rated 90°C dry and 75°C
or 90°C wet, 600 V.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 3003 - Distributed Generation Cables

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



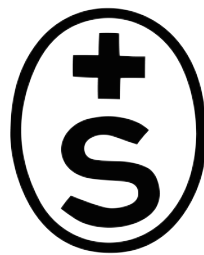
Bruce Mahrenholz, Director North American Certification Program

UL LLC



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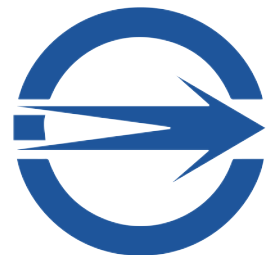
Certificates



SAA




RoHS
compliant





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<https://en.ckw.com.tw/>