

# Certificate of compliance

with the order 2.1 according to EN 10 204

## HELUPOWER® SOLARFLEX®-X H1Z2Z2-K UL

We confirm that the above mentioned **Cross-linked single core cable** is produced **acc. to DIN VDE 0283-618 / DIN EN 50618, IEC 62930, UL-Std. 4703 (PV Wire)** and tested according to DIN EN 50395, DIN EN 50396.

### TECHNICAL DATA

Temperature range	fixed -40°C to +90°C
Permissible operating temperature of the conductor	+120°C
Nominal voltage	AC U <sub>0</sub> /U 1000/1000 V
	DC U <sub>0</sub> /U 1500/1500 V
	UL (PV) DC 2000 V

### TESTS

halogen-free acc. to DIN VDE 0482-754-1 / DIN EN 60754-1 / IEC 60754-1  
flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2, UL VW-1  
smoke density acc. to DIN VDE 0482-1034-1+2 / DIN EN 61034-1+2 / IEC 61034-1+2  
UV-resistant acc. to DIN VDE 0283-618 / DIN EN 50618 Appendix E  
ozone-resistant acc. to DIN VDE 0283-618 / DIN EN 50618  
weather-resistant acc. to DIN VDE 0283-618 / DIN EN 50618 Appendix E  
DC Voltage resistance of the insulation acc. to DIN VDE 0283-618 / DIN EN 50618 Tab. 2  
Sunlight Resistance (SUN RES) acc. to UL Std. 1581 Sec. 1200  
certifications and approvals:  
TÜV Rheinland



Product conforms with Low-Voltage Directive 2014/35/EU

**HELU KABEL GmbH**  
Technical Department

This document is valid without signature

**Date of issue**  
16.02.2024

**Date of expiration**  
31.12.2025

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