



H1Z2Z2-K Solar Cable

Standard

IEC 62930, EN 50618:2014

Voltage

DC 1500V/AC 1000V

Conductor

Tinned copper

Insulation

XLPO

Sheath

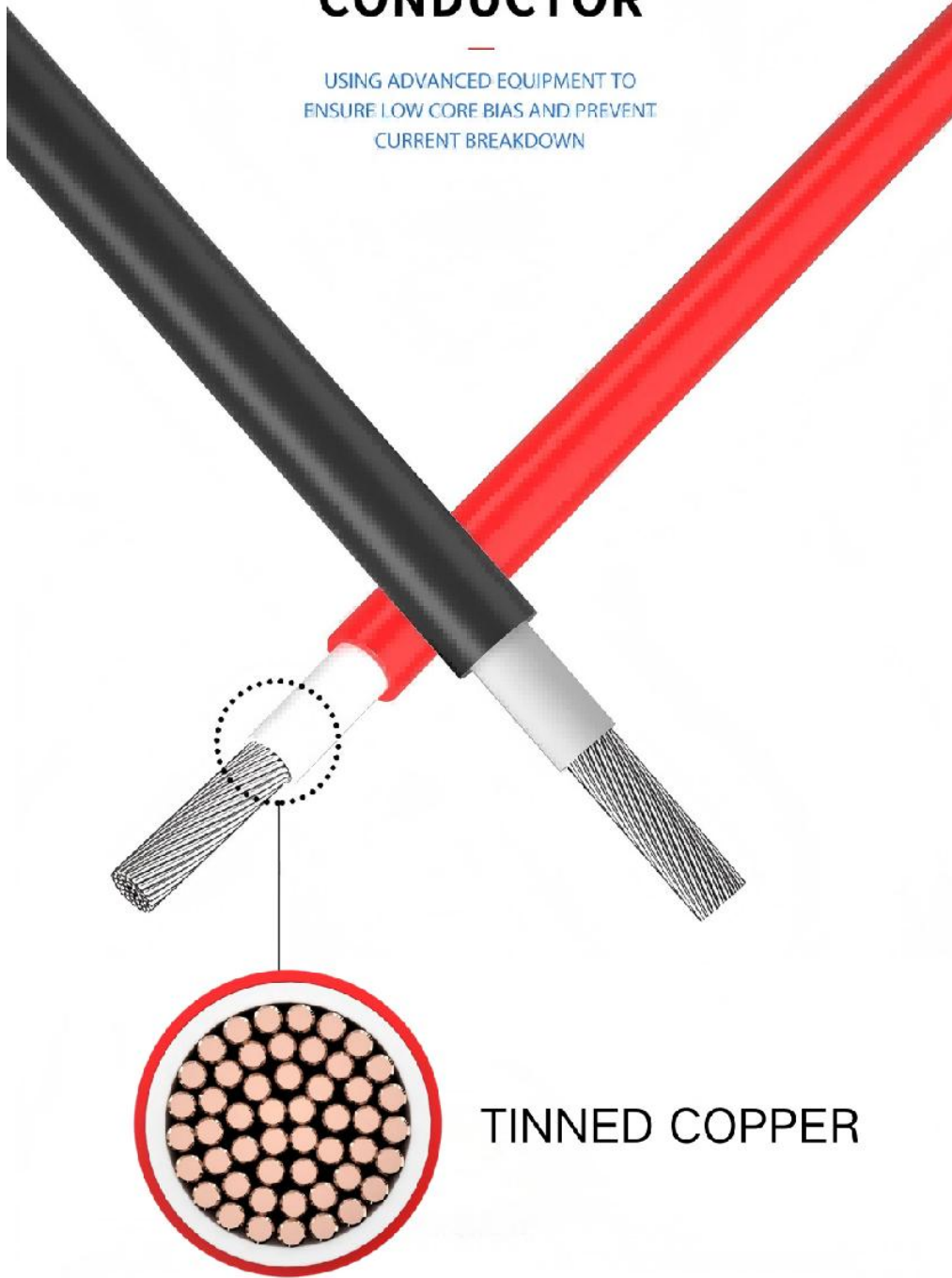
XLPO

Max Operating temperature

-40 °C– +90 °C

CONDUCTOR

USING ADVANCED EQUIPMENT TO
ENSURE LOW CORE BIAS AND PREVENT
CURRENT BREAKDOWN



TINNED COPPER



UV
RESISTANCE



HIGH
TEMPERATURE
RESISTANCE



BENDING
RESISTANCE



LOW TEMPERATURE
RESISTANCE
-45°C

Specification

Conductor		Nominal Insulation Thickness (mm)	Nominal sheath Thickness (mm)	Approx. Overall Diam. (mm)	Approx. Weight (kg/km)	Minimum Insulation		Max. Conductor Resistance DC@20°C (MΩ.km)
Nominal Area (mm ²)	Approx. Diam. (mm)					20°C (MΩ.km)	90°C (MΩ.km)	
1×1.5	1.57	0.7	0.8	4.7	38	860	0.86	13.7
1×2.5	2.04	0.7	0.8	5.2	45	690	0.69	8.21
1×4	2.6	0.7	0.8	5.6	60	580	0.58	5.09
1×6	3.16	0.7	0.8	6.3	90	500	0.50	3.39
1×10	4.5	0.7	0.8	7.6	131	420	0.42	1.95
1×16	5.7	0.7	0.9	9.0	187	340	0.34	1.24
1×25	7.2	0.9	1.0	11.2	267	340	0.34	0.795
1×35	8.5	0.9	1.1	12.7	368	290	0.29	0.565
1×50	9.4	1.0	1.2	14.5	560	270	0.27	0.393
1×70	11.1	1.1	1.2	16.5	756	250	0.25	0.277
1×95	13.1	1.1	1.3	18.7	1036	220	0.22	0.210
1×120	14.8	1.2	1.3	20.4	1309	210	0.21	0.164
1×150	16.5	1.4	1.4	22.7	1636	210	0.21	0.132
1×185	18.3	1.6	1.6	25.2	2000	200	0.20	0.108
1×240	21.0	1.7	1.7	28.5	2607	200	0.20	0.0817
2×1.5	1.57	0.7	0.8	4.8*10.5	78	860	0.86	13.7
2×2.5	2.04	0.7	0.8	5.2*11.8	92	690	0.69	8.21
2×4	2.6	0.7	0.8	5.6*12.8	122	580	0.58	5.09
2×6	3.16	0.7	0.8	6.3*13.7	182	500	0.50	3.39
2×10	4.5	0.7	0.8	8.0*16.8	264	420	0.42	1.95
2×16	5.7	0.7	0.9	9.0*19.8	376	340	0.34	1.24