



## Test Report

Type	H1Z2Z2-K 2*6mm <sup>2</sup> PV Cable	Volatage	1500V	Sample Quantity	1000Meters
Test ROLL	10Rolls*1000m	test Standard	EN50618: 2014		
Test Item	Standard	Test Results		Verdict	
Cores Sqaure Meter	2*6.0	2*6.0		P	
Insulation Core Colour	Red、 Black	Red、 Black		P	
Wire Diameter	Φ0.28mm±0.008	0.282/0.281/0.28		P	
Wire Number	84 cores	84		P	
Wire Diameter	2.97±0.1	2.95、 2.96、 2. 94		P	
InsulationDiameter	4.3±0.1	4.25/4.3/4.26		P	
Cable Diameter	6.0±0.1*12.40±0.6	5.98*12.2、 6.0*12.4		P	
Conductor Resistance at 20℃	≤3. 39 Ω.km	3.32/3.33/3.29		P	
DC Voltage Test	6500V/5minNo Breakdown	6500V/5minNo Breakdown		P	
Insulation Resistance Test	≥500MΩ .KM	1830MΩ.KM		P	
Cold Bending Test	—40℃ 16h 16H Absense of cracks	—40℃ 16h 16H Absense of cracks		P	
Cold Impact Test	—40℃ 16h16H Absense of cracks	—40℃ 16h 16H Absense of cracks		P	
Cold Elongation Test	—40℃ 16h 16H: ≥30%	33%		P	
(60±2) °C 4h Vertical Fire Test	≥50mm	297		P	
	≤540	385		P	
<b>Conclusion: Approved</b>					

P means the item test is pass. F means the item test is not pass. N means the item doesn't need test

Tested By /Date : ZML 2023 07 26

Checked By /Date : WKB 2023 07 26

**杭州益睿电线电缆有限公司**  
**HANGZHOU EASY ELECTRIC WIRE AND CABLE CO., LTD.**