

1.CONSTRUCTION

RATED VOLTAGE	62930 IEC131/ H1Z2Z2-K 4mm ²		REVISION:	A/0	FORM NO.	B274
	DC1500V		CONSTRUCTION D.W.G			
Conductor	Cross-sectional Area	4mm ²				
	Material	Stranded Tinned Copper				
	Conductor.Size (mm)	56/0.285				
	Approx. Stranded OD.(mm)	2.45				
Inner Layer	Material	XLPO				
	AVG Thickness (mm)	0.70				
	Min Thickness (mm)	0.53				
	OD.(mm)	3.85±0.10				
	Color	Black				
Outer Layer	Material	XLPO				
	AVG Thickness (mm)	0.80				
	Min Thickness (mm)	0.58				
	OD. (mm)	5.50±0.15				
	Color	Black				
			INNER AND OUTER LAYER IS INSEPARABLE.			

2.MECHANICAL CHARACTERISTICS

ITEM		SPECIFICATION	
		INNER LAYER	OUTER LAYER
Elongation	Un-aged	≥125%	≥125%
Strength		≥8MPa	≥8MPa
Cold bend test	(-40 ± 2.0℃ × 16h)	No cracking	
Flame test	IEC60332-1-2	PASS	
Rated temperature	-40℃ up to +90℃		
Thermal endurance properties	Elongation≥50% Temperature index≥120		

3.ELECTRICAL CHARACTERISTICS

ITEM	SPECIFICATION
Max. Conductor DC Resistance at 20℃	≤5.09Ω/km
Dielectric Strength	6.5kV/5min
Spark test	10000VAC
Insulation resistance at 20℃	≥709MΩ·km
Max. current at 30℃	57A

4.STANDARD

PRODUCT STANDARD CERTIFICATION	Reference Standard:
R50477532&R50477533	EN50618&IEC62930

5.MARKING

SK-R TÜV 62930 IEC131/H1Z2Z2-K 4mm ² IEC62930/EN50618 Dca AD7 DC1500V -40℃ HALOGEN FREE LOW SMOKE SUNKEAN CABLE CE *

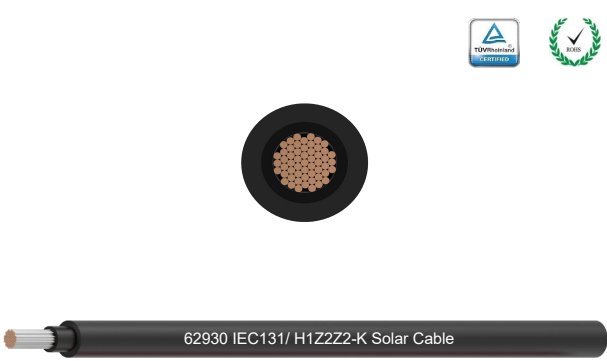
NOTE:* Represent meter marking, Meter marking like 0, 1, 2 until 99999.

6.PACKING

- (a) 250m、500m、1000m
(b) Consulting if delivering in other ways

Part No.	Serial No.	Drawing	Checked	Approved	Date	APPROVED
PVG-T01400-14701	002	Zoey	Max	Defree	2025/4/1	

1.CONSTRUCTION

RATED VOLTAGE	62930 IEC131/ H1Z2Z2-K 6mm ²		REVISION:	A/0	FORM NO.	B274
	DC1500V		CONSTRUCTION D.W.G			
Conductor	Cross-sectional Area	6mm ²				
	Material	Stranded Tinned Copper				
	Conductor.Size (mm)	84/0.285				
	Approx. Stranded OD.(mm)	2.96				
Inner Layer	Material	XLPO				
	AVG Thickness (mm)	0.70				
	Min Thickness (mm)	0.53				
	OD.(mm)	4.45±0.10				
	Color	Black				
Outer Layer	Material	XLPO				
	AVG Thickness (mm)	0.80				
	Min Thickness (mm)	0.58				
	OD. (mm)	6.10±0.15				
	Color	Black				
			INNER AND OUTER LAYER IS INSEPARABLE.			

2.MECHANICAL CHARACTERISTICS

ITEM		SPECIFICATION	
		INNER LAYER	OUTER LAYER
Elongation	Un-aged	≥125%	≥125%
Strength		≥8MPa	≥8MPa
Cold bend test	(-40 ± 2.0℃ × 16h)	No cracking	
Flame test	IEC60332-1-2	PASS	
Rated temperature	-40℃ up to +90℃		
Thermal endurance properties	Elongation≥50% Temperature index≥120		

3.ELECTRICAL CHARACTERISTICS

ITEM	SPECIFICATION
Max. Conductor DC Resistance at 20℃	≤3.39Ω/km
Dielectric Strength	6.5kV/5min
Spark test	10000VAC
Insulation resistance at 20℃	≥610MΩ·km
Max. current at 30℃	72A

4.STANDARD

PRODUCT STANDARD CERTIFICATION	Reference Standard:
R50477532&R50477533	EN50618&IEC62930

5.MARKING

SK-R ▲ TÜV 62930 IEC131/H1Z2Z2-K 6mm² IEC62930/EN50618 Dca AD7
DC1500V -40℃ HALOGEN FREE LOW SMOKE SUNKEAN CABLE CE *

NOTE:* Represent meter marking, Meter marking like 0, 1, 2 until 99999.

6.PACKING

- (a) 250m、500m、1000m
(b) Consulting if delivering in other ways

Part No.	Serial No.	Drawing	Checked	Approved	Date	APPROVED
PVG-T01600-24301	002	Zoey	Max	Defree	2025/4/1	

1.CONSTRUCTION

RATED VOLTAGE	62930 IEC131/ H1Z2Z2-K 10mm ²		REVISION:	A/0	FORM NO.	B274
	DC1500V		CONSTRUCTION D.W.G			
Conductor	Cross-sectional Area	10mm ²				
	Material	Stranded Tinned Copper				
	Conductor.Size (mm)	77/0.39				
	Approx. Stranded OD.(mm)	3.95				
Inner Layer	Material	XLPO				
	AVG Thickness (mm)	0.70				
	Min Thickness (mm)	0.53				
	OD.(mm)	5.45±0.15				
	Color	Black				
Outer Layer	Material	XLPO				
	AVG Thickness (mm)	0.80				
	Min Thickness (mm)	0.58				
	OD. (mm)	7.20±0.20				
	Color	Black				
			INNER AND OUTER LAYER IS INSEPARABLE.			

2.MECHANICAL CHARACTERISTICS

ITEM		SPECIFICATION	
		INNER LAYER	OUTER LAYER
Elongation	Un-aged	≥125%	≥125%
Strength		≥8MPa	≥8MPa
Cold bend test	(-40 ± 2.0℃ × 16h)	No cracking	
Flame test	IEC60332-1-2	PASS	
Rated temperature	-40℃ up to +90℃		
Thermal endurance properties	Elongation≥50% Temperature index≥120		

3.ELECTRICAL CHARACTERISTICS

ITEM	SPECIFICATION
Max. Conductor DC Resistance at 20℃	≤1.95Ω/km
Dielectric Strength	6.5kV/5min
Spark test	10000VAC
Insulation resistance at 20℃	≥489MΩ·km
Max. current at 30℃	98A

4.STANDARD

PRODUCT STANDARD CERTIFICATION	Reference Standard:
R50477532&R50477533	EN50618&IEC62930

5.MARKING

SK-R Δ TÜV 62930 IEC131/H1Z2Z2-K 10mm ² IEC62930/EN50618 Dca AD7 DC1500V -40℃ HALOGEN FREE LOW SMOKE SUNKEAN CABLE CE *
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NOTE:* Represent meter marking, Meter marking like 0, 1, 2 until 99999.

6.PACKING

- (a) 250m、500m、1000m
(b) Consulting if delivering in other ways

Part No.	Serial No.	Drawing	Checked	Approved	Date	APPROVED
PVG-T0110M-07201	002	Zoey	Max	Defree	2025/4/1	