

STW**PV DC CABLE PV1500 DC 1X6.0 mm² V1.0**

Standard: EN 50618:2014, IEC 62930:2017, EN IEC 60332-3-24:2018, EN 60754-1:2014+A1:2020, EN 60754-2:2014+A1:2020, IEC 61034-2:2005+A1+A2, IEC 60228:2023

Insulation and sheath materials: 125°C low smoke halogen free crosslinked polyolefin (XLPO)

REACH & RoHS Compliance

PV DC CABLE SPECIFICATION

Client's number	
Type	PV DC CABLE
Size	1 X 6mm ²
Standard	2Pfg 2642/11.17
Conductor	
Construction(mm ²)	84/0.30 Class 5
Material	Aluminum alloy
O.D/外径(mm)	3.17
Insulation	
Material	XLPO
Average thickness(mm)	0.80
O.D/外径(mm)	4.84± 0.15
Color/颜色	RED/ Black
Jacket	
Material	XLPO
Average thickness(mm)	0.85
O.D(mm)	6.52±0.2
Color	Red / Black
Electric Performance /	
Rated voltage	DC 1500V
Range of temperature(°C)	-40~105
Dielectric strength	AC-6.5KV/1min
Spark test	AC-10KV/In the air
Resistance	4.95Ω/Km at 20 °C
UV resistance	720h
Live time	25 Years
Mark	
Cable printing	Client's provided
Shipping mark	Client's provided
Shipping data	
Weight(kg/km)	56.2
1000meter CBM(m ³)	55x55x25cm
HS Code	8544601290
Current Rating	Max56A at 20 °C
UV resistance	EN50289-4-1
Cold Impact Test	EN60068-2-7
APPROVED	CHECKED

Table no.	
Construction details	
Product picture	
Crossing section	
MARKING:	TÜV 2 pfG 2642 PV1500DC 1X6mm ² 1.5KV DC UV. Res HALOGEN FREE LOW SMOKE STW
Package selection / 包装选择	
Film	
Wooden drum	
Wooden roller	
Film + pallet	
Wooden drum + pallet	
Wooden roller + pallet	
VERSION APPROVED DATE	