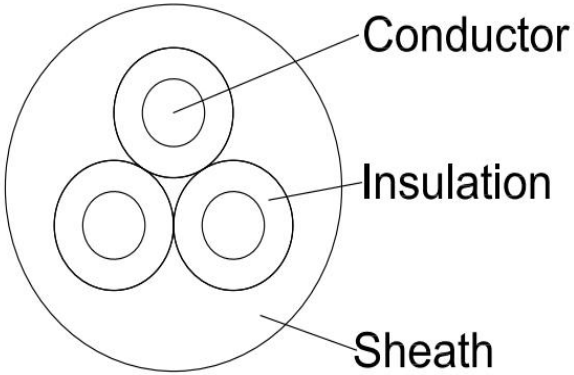
SPECIFICATION FOR APPROVAL

1.Construction		PV07AC-F 3×6.0 ㎜²	**Revision:**	**A/0**	**Form No.**	**ZHPV07ACF0600301**
Rated Voltage		450/750V	**CONSTRUCTION D.W.G**			
Conductor	㎜²	6.0				
	Material	Stranded Tinned Copper				
	Cond.Size	84/（0.29±0.01)				
	Stranded OD.(mm)	3.02				
Insulation	Material	无卤交联绝缘料				
	Min.Thickness（mm）	0.70				
	Min. Average Thickness	0.80				
	OD.(mm)	4.70±0.20				
	Color	Brown，Blue，Yellow/Green				
Sheath	Material	无卤交联护套料				
	Min.Thickness（mm）	1.12	Cables for use on AC-applications in renewable energy-systems .			
	Min. Average Thickness	1.32	**4.Marking**			
	OD.(mm)	13.0±0.30	TÜV PV07AC-F 3G6.0mm² 450/750V WUXI ZHONGHUI WIRE & CABLE CO.,LTD			
	Color	Black				

2. Physical Properties			
Item		Specification	
		Insulation	Sheath
Elongation	Un-aged	≥125%	≥125%
Strength		≥6.5N/㎜²	≥8.0N/㎜²
Elongation	After Aging：150±2℃，168h	≥70% of original	
Strength		≥70% of original	
Flame test	VW-1	PASS	

3.Electrical Properties	
Rated Temperature	-40～+90℃
Max.Cond.Resis AT 20℃	3.39Ω/km
Dielectric-withstand test：AC 2500V/min	No Breakdown
Spark test：6500V AC	No Breakdown

5.Standard	a) 2Pfg 1940/12.11 b) RoHS： PASS
6.Packing	(a) 100m/roll. (b) According to customer requirements

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Part No.	**ZHPV07ACF0600301**	**APPROVED (CUSTOMER)**	
Serial No.	001		
Approved	胡晓武		
Checked	/		
Drawing	甘宇航		
Date	**2023-4-26**		