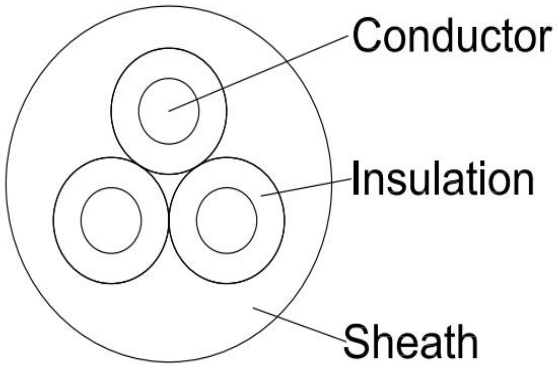
SPECIFICATION FOR APPROVAL

1.Construction		PV07AC-F 3×2.5 ㎜²	**Revision:**	**A/0**	**Form No.**	**ZHPV07ACF2.5Q0301**
Rated Voltage		450/750V	**CONSTRUCTION D.W.G**			
Conductor	㎜²	2.5				
	Material	Stranded Tinned Copper				
	Cond.Size	49/（0.25±0.01)				
	Stranded OD.(mm)	1.96				
Insulation	Material	无卤交联绝缘料				
	Min.Thickness（mm）	0.70				
	Min. Average Thickness（mm）	0.80				
	OD.(mm)	3.65±0.10				
	Color	Brown，Blue，Yellow/Green				
Sheath	Material	无卤交联护套料				
	Min.Thickness（mm）	0.87	Cables for use on AC-applications in renewable energy-systems .			
	Min. Average Thickness（mm）	1.02	**4.Marking**			
	OD.(mm)	10.2±0.20	TÜV PV07AC-F 3G2.5mm² 450/750V WUXI ZHONGHUI WIRE & CABLE CO.,LTD			
	Color	Black				

2. Physical Properties				**5.Standard**	a) 2Pfg 1940/12.11 b) RoHS： PASS
Item		Specification			
		Insulation	Sheath		
Elongation	Un-aged	≥125%	≥125%	**6.Packing**	(a) 200m/roll. (b) According to customer requirements
Strength		≥6.5N/㎜²	≥8.0N/㎜²		
Elongation	After Aging：150±2℃，168h	≥70% of original		无锡市中汇线缆有限公司 地址：江苏省无锡市锡山区锡北镇八士新坝村 Tel/Fax:0510-83785622 Web:www.wxzhxl.com	
Strength		≥70% of original			
Flame test	VW-1	PASS			

3.Electrical Properties		**Part No.**	**ZHPV07ACF2.5Q0301**	**APPROVED (CUSTOMER)**
Rated Temperature	-40～+90℃	Serial No.	001	
Max.Cond.Resis AT 20℃	8.21Ω/km	**Approved**	**胡晓武**	
Dielectric-withstand test：AC 2500V/min	No Breakdown	**Checked**	/	
Spark test：6500V AC	No Breakdown	**Drawing**	**甘宇航**	
		Date	**2023-7-6**	