

# 规格承认书

## SPECIFICATION FOR APPROVAL

( NO:EVTB06A-04-001 )

CUSTOMER	
STYLE	EVT
SIZE	6AWG(AS)/2C+8AWG(AS)/1C +20AWG(AS)/1C+F+NW
RATING	105℃ 600V
STANDARD	UL62 UL2556
FILE NO	E344326

APPROVED BY

Approved	Checked	Designed
赵树鹏	关勇	李宝钦



无锡鑫宏业特塑线缆有限公司  
WUXI XINHONGYE WIRE & CABLE CO., LTD.  
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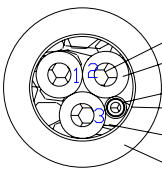
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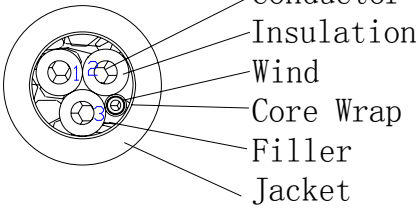
CONSTRUCTION D.W.G	USE
	For use in electric vehicle charging system

## 1. Construction

ITEM		SPECIFICATION		
Conductor	Awg	20	6	8
	Core	1C	2C	1C
	Material	Bare copper	Bare copper	Bare copper
	Cond.Size (mm)	26/ (0.16±0.008)	266/ (0.254±0.008)	168/(0.254±0.008)
	Stranded OD. (mm)	0.94	5.20	4.10
Insulation	Material	PVC	PVC	PVC
	Nominal OD. (mm)	2.50±0.10	8.40±0.25	7.20±0.20
	Color	Black	1-Black 2-White	3-Green
	Average Thick (mm)	0.76	1.53	1.53
	Min Thick (mm)	0.69	1.37	1.27
Winding copper wire		Bare copper 55/0.127mm	/	
Inner Jacket	Material	PVC	/	
	Nominal OD. (mm)	3.80±0.15	/	
	Color	Orange	/	
Filler	PP string			
CoreWrap	Non-woven fabric ,25%Overlap,Min.			
Jacket	Material		PVC/105℃	
	Nominal OD. (mm)		22.90±0.40	
	Average Thick (mm)		2.41	
	Min Thick (mm)		1.93	
	Color		Orange	
Marking	(UL) E344326 TPYE EVT 105 ℃ WET OR DRY 600V SUN RES VW-1 WUXI XINHONGYE WIRE & CABLE CO.,LTD.			

## 2. Physical Properties

ITEM		SPECIFICATION	
		Insulation	Jacket
Elongation	Un-aged	≥100%	≥100%
Strength		≥10.3 Mpa	≥10.3 Mpa
Temperature rating	-40℃ up to +105℃	Pass	
UV resistance	720h (UL 2556)	Elongation and strength retention rate ≥80%	

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### 3. Electrical Properties

ITEM	SPECIFICATION	
Conductor Resistance AT 20℃	20#	6#
	$\leq 36.70 \Omega / \text{km}$	$\leq 1.403 \Omega / \text{km}$

### 4. Packing

- a) Wood spool
- b) Other consultations length delivery.