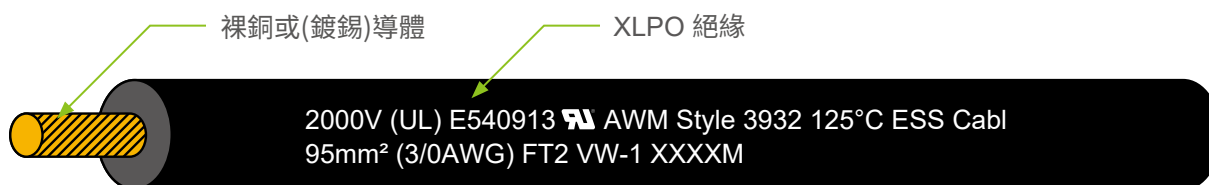


05 新能源儲能電纜

5-1 2000V 新能源儲能電纜

構造 Construction/



額定 Rating/

2000V XLPO 儲能電纜 2000V-40~125°C
Passed (RoHS/Reach)

絕緣顏色 Color of insulation/

橘或(依客戶需求)
Orange or Optional color

規格 Standard/

According:UL 758/1581/3932/IEC 60228

特點 Features/

主要特點包括易剝離和切割、高柔韌性、耐高溫、抗紫外線、高阻燃性等。

The main features include easy stripping and cutting, high flexibility, high temperature resistance, UV resistance, high flame retardancy, etc.

耐燃等級 Flame level/

Horizontal flame FT-2& Vertical flame VW-1

用途 Application/

電池模組與匯流箱的連接或將儲存的直流電能傳輸至變流器，以便轉換為交流電供外部使用或併網。

The battery module is connected to the junction box or the stored DC power is transmitted to the inverter to be converted into AC power for external use or grid connection.

彎曲半徑 Bend Radius/

Bend Radius : 10D

導體 Conductor		絕緣厚度 Thickness of Insulation		標準 完成 外徑 Overall Diameter (約) (approx.)	最大 導體 電阻 Conductor Resistance Max. (20°C)		安全電流 Safety Current 裸銅/鍍錫銅 Bare Copper/Tinned Copper			包裝方式 Packaging
標稱 截面積 Nominal sectional area	外徑 Outer Diameter (約) (approx.)	最小值 Min.	平均值 Average		Ω/km		Amp			
mm ² AWG(cmil)	mm	mm	mm	mm	Bare Copper	Tinned Copper	20°C	30°C	40°C	M/R
25(3)	5.2	0.432↑	0.48↑	9.2	0.762	0.777	166/165	158/157	150/148	1000
32(2)	8.0	0.432↑	0.48↑	10.5	0.544	0.555	225/223	214/212	203/201	1000
50(1/0)	9.5	0.432↑	0.48↑	12.5	0.381	0.389	288/285	274/271	259/256	1000
70(2/0)	11.2	0.432↑	0.48↑	14.2	0.272	0.277	359/355	341/338	323/320	1000
95(3/0)	13.1	0.432↑	0.48↑	16.1	0.200	0.204	439/435	418/414	395/391	1000
120(250)	14.7	0.432↑	0.48↑	18.3	0.159	0.162	515/540	490/485	463/459	1000
185(350)	18.3	0.432↑	0.48↑	21.9	0.103	0.105	669/663	637/631	602/596	1000
240(450)	20.8	0.432↑	0.48↑	24.4	0.0794	0.0809	808/800	768/761	727/720	500