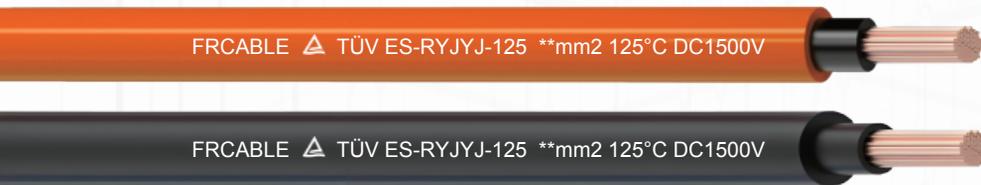


# ENERGY BATTERY CABLE

## ES-RYJYJ-125 DC 1.5KV



### Advantages

- ◆ High currents and voltages
- ◆ High flame retardant
- ◆ Low smoke halogen-free
- ◆ Resistant to battery acid
- ◆ High flexibility
- ◆ Easy to install

### Application

The FRCABLE® energy storage cable is TUV-certified and specifically engineered for high-performance electrical connections within energy storage systems. This cable is designed to ensure safe and efficient power transmission between battery packs, inverters, and grid interfaces.

### Construction

- ◆ Conductor: Bare copper, Class 5
- ◆ Insulation: XLPE
- ◆ Jacket: XLPE

### Technical Data:

- ◆ Rated Voltage: 1500V
- ◆ Rated Temperature: -40°C ~ +125°C
- ◆ Min. Bending Radius: 5XO.D.
- ◆ Flame test: IEC 60332-1
- ◆ Standard: PPP 58049, CQC 1143

Conductor			Insulation			Jacket		
Gauge	No.	OD.	Nom. Thickness	Min. Thickness	OD.	Nom. Thickness	Min. Thickness	OD.
AWG	N/mm	mm	mm	mm	mm	mm	mm	mm
4	56/0.28	2.4	0.8	0.62	4.0±0.1	0.7	0.50	5.4±0.1
6	84/0.28	3.0	0.8	0.62	4.6±0.1	0.7	0.50	6.0±0.1
10	77/0.40	4.1	1.0	0.80	6.1±0.1	0.7	0.50	7.5±0.1
16	126/0.40	5.9	1.1	0.89	8.1±0.1	0.7	0.50	9.5±0.2
25	196/0.40	7.2	1.3	1.07	9.8±0.2	0.8	0.58	11.4±0.2
35	273/0.40	8.7	1.3	1.07	11.3±0.2	0.8	0.58	12.9±0.3
50	235/0.50	10.5	1.5	1.25	13.5±0.2	0.8	0.58	15.1±0.5
70	340/0.50	12.0	1.5	1.25	15.0±0.3	0.9	0.67	16.8±0.5
95	456/0.50	14.0	1.5	1.25	17.0±0.3	0.9	0.67	18.8±0.5