

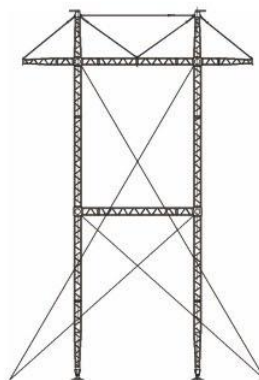


Aluminum Alloy Emergency Restoration Tower (Lattice Type)

Item number	04111	04112	04121	04122	04123
Model	LTQ110S	LTQ110Me	LTQ220Me	LTQ220MeA	LTQ220MeB
Applicable voltage(kV)	110	110	220	220	220
Nominal Height(m)	14.9	15.5	18.5	24	24
Section of main beam(mm)	□450	□400	□400	□500	□500
Vertical span(m)	280	350	350	650	450
Horizontal span(m)	240	300	300	500	400
Applicable conductor	LGJ240	LGJ240	LGJ400	LGJ400	2 × LGJ400
Distance between(m)	4.5	4.5	6.5	7.5	8
Weight(kg)	630	960	1370	2220	2910

Notes:

1. Model TQ110S is single leg structure. The rest are portal –framed structure.
2. The 220 KV portal –framed ERS tower can be assembled as 110 KV portal –framed or 110 KV single leg ERS tower .
3. Use high strength angle aluminum alloy as main materials, steel parts are galvanized.



Portal –framed Structure



Single Leg Structure

Aluminum Alloy Crossing Structure

Item number	Model	Total height (m)	Frame girder section (mm)	Beam length (m)	Assembly height (m)	Stay wire number of layers	Weight (kg/m)
04131	LDKY15	15.7	□400	4	3 × 5.0+0.7	1	448
04141	LDKY20	20.7	□450	4	4 × 5.0+0.7	2	625
04151	LDKY30	31.8	□500	4	6+5×5+0.8	2	840
04155	LDKY40	41.0	□600	6	8 × 5.0+1.0	3	

Notes: Shall use together with crossing structure lifter

Crossing Structure Lifter

Item number	Model	Height(m)	Maximum lifting height(m)	Applicable crossing structure
04171	DJZ6	6	5	04131~04151
04172	DJZ6A	6	6	04155

Uses: To lift aluminum alloy crossing structure

