

Simple and safe housing  
for ground-level equipment.



**EL100**  
Multi-Purpose  
Apparatus Enclosures



## EL100 Multi-Purpose Apparatus Enclosures

The EL100 Multi-purpose apparatus enclosure series is designed and manufactured to provide an aesthetically pleasing, safe means of housing all types of equipment such as overhead transformers, metering, gas regulators, and capacitors at ground level. These pad-mounted enclosures are available in five standard singular-unit sizes ranging from 42"D x 42"W x 53"H up to 54"D x 54"W x 91"H.

These enclosures, utilized in underground constructions, are modular in design. They can easily be ganged together, providing increased versatility and flexibility. Enclosures are typically shipped unassembled for handling and logistics convenience.



**Domed roof** for water run-off

**Body, doors, and louvers** are constructed of sturdy 14-gauge steel. Alternate materials are available upon request.

**Front and back doors** provide easy access.

**Tamper-proof louvers** are designed for maximum ventilation.

**Two-point locking** system with padlock hasp and pentahead bolt or three-point latching with padlockable handle and pentahead bolt.

**Captive door holder**

**Non-ferrous** fastening hardware

**Durable powder-paint finish** exceeds ANSI C57.12.28 standards

**Munsell green** (7GY 3.29/1.5) blends with surroundings. Alternate colors are available upon request.

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### OPTIONS:

Accessories:

- REA standard door barriers (insulated GPO-3) with pentahead bolt fastening
- Dead-front panels for equipment mounting
- Wide assortments of equipment-mounting rails and support

Note: Accessories are optional and sold separately.

To meet various environmental conditions, the enclosures are also available in:

- Mild steel with zinc-rich primer
- .090" or .125" aluminum
- 14- or 12-gauge stainless steel

### APPLICABLE STANDARDS AND APPROVALS:

- Meets ANSI C57.12.28 standard
- RUS approved

## Standard Models

### Single Units

Model No.*	D	W	H	Weight (lbs)
EL100-41	42	42	53	328
EL100-61	54	54	64	500
EL100-71	54	54	71	560
EL100-81	54	54	81	625
EL100-91	54	54	91	690

### Double Units

Model No.*	D	W	H	Weight (lbs)
EL100-42	42	84	53	582
EL100-62	54	108	64	900
EL100-72	54	108	71	1020
EL100-82	54	108	81	1150
EL100-92	54	108	91	1280

### Triple Units

Model No.*	D	W	H	Weight (lbs)
EL100-43	42	126	53	836
EL100-63	54	162	64	1300
EL100-73	54	162	71	1480
EL100-83	54	162	81	1675
EL100-93	54	162	91	1870

# Transformer Enclosure Sizing

## 5kV Class Systems – 60kV BIL

Model Number	Total kVA	No. of 10 Transformers	D	W	H
EL100-41	10, 15, 25	1	36	36	42
EL100-41	37 1/2, 50	1	42	42	53
EL100-41 w/10" Ext.	75, 100	1	42	42	63
EL100-61	167	1	54	54	64
EL100-71	250	1	54	54	71
EL100-81	333	1	54	54	81
EL100-42	30, 45	3	36	72	42
EL100-42	75	3	42	84	53
EL100-43	112 1/2, 150	3	42	126	53
EL100-43 w/10" Ext.	225, 300	3	42	126	63
EL100-73	500	3	54	162	71
EL100-83	1000	3	54	162	81
EL100-93	1000	3	54	162	91

## 25kV Class Systems – 125kV BIL

Model Number	Total kVA	No. of 10 Transformers	D	W	H
EL100-41	10, 15, 25	1	42	42	53
EL100-41 w/10" Ext.	37 1/2, 50	1	42	42	63
EL100-71	75, 100, 167, 250	1	54	54	71
EL100-81	333	1	54	54	81
EL100-62	30, 45, 75	3	54	108	64
EL100-43 w/10" Ext.	112 1/2, 150	3	42	126	63
EL100-73	225, 300, 500	3	54	162	71
EL100-83	750	3	54	162	81
EL100-94	1000	3	54	216	91

## 15kV Class Systems – 95kV BIL

Model Number	Total kVA	No. of 10 Transformers	D	W	H
EL100-41	10, 15	1	36	36	42
EL100-41	25, 37 1/2	1	42	42	53
EL100-41 w/10" Ext.	50, 75, 100	1	42	42	63
EL100-61	167	1	54	54	64
EL100-71	250	1	54	54	71
EL100-81	333	1	54	54	81
EL100-42	30, 45, 75	3	42	84	53
EL100-42 w/10" Ext.	112 1/2, 150	3	42	84	63
EL100-43 w/10" Ext.	225, 300	3	42	126	63
EL100-73	500	3	54	162	71
EL100-83	750	3	54	162	81
EL100-93	1000	3	54	162	91

## 35kV Class Systems – 150kV BIL

Model Number	Total kVA	No. of 10 Transformers	D	W	H
EL100-41 w/10" Ext.	10, 15	1	42	42	63
EL100-61	25	1	54	54	64
EL100-71	37 1/2, 50	1	54	54	71
EL100-81	75, 100	1	54	54	81
EL100-71	167	1	54	54	71
EL100-72	250	1	54	108	71
EL100-82	333	1	54	108	81
EL100-43	30, 45	3	42	126	63
EL100-63.	75	3	54	162	64
EL100-73	112 1/2, 150	3	54	162	71
EL100-83	225, 300, 500	3	54	162	81
EL100-84	750	3	54	216	81
EL100-94	1000	3	54	216	91

