

Top 100  
Global  
Innovator  
for 10 years

# UL67 Panelboard

Low Voltage Power Distribution Board



**LS**  **ELECTRIC**

# Low Voltage Power Distribution Board

The panelboard has different circuit breaker specifications and capacities depending on the purpose of use. Therefore, flexible production methods are essential.

LS ELECTRIC panelboard has main busbar up to 600AF manufactured in rail type, so branch circuit breakers can be moved freely and there is no limit in capacity selection. The main busbar up to 1200AF has improved safety with a general bolt-on type.

LS ELECTRIC panelboards are available in wall-mounted and flush-mounted versions with up to 1200A main lug or main circuit breaker.

## Excellent scalability

- Branch circuit breakers can be easily added using BSK(Bus Strap Kit) without additional processing

## High reliability and safety

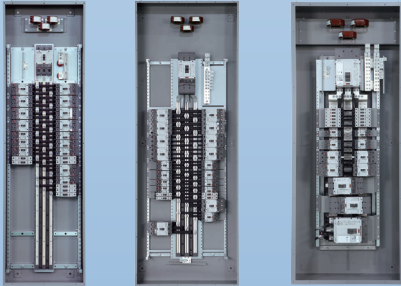
- UL tested and approved
- User safety considerations

## Easy maintenance

- Easy to replace in case of circuit breaker capacity change and device failure
- Minimize replacement and repair time

## Applications

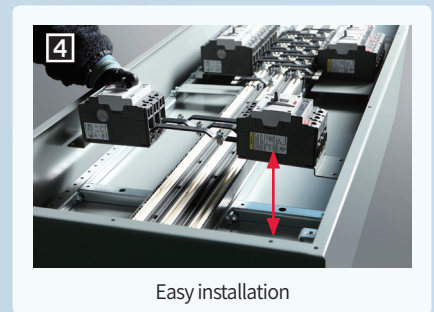
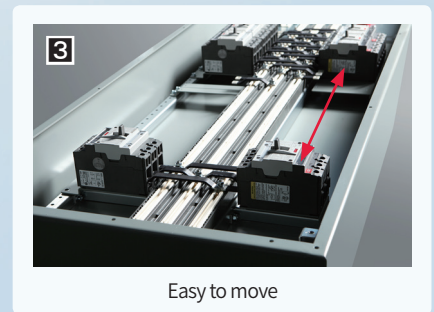
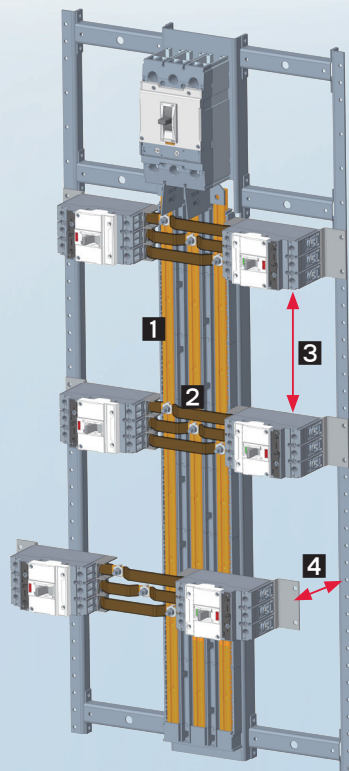
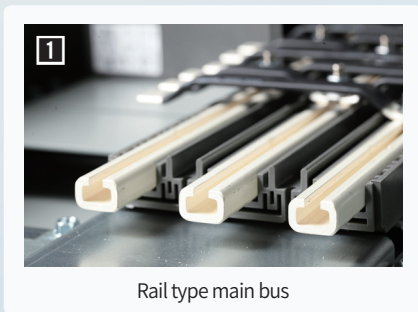
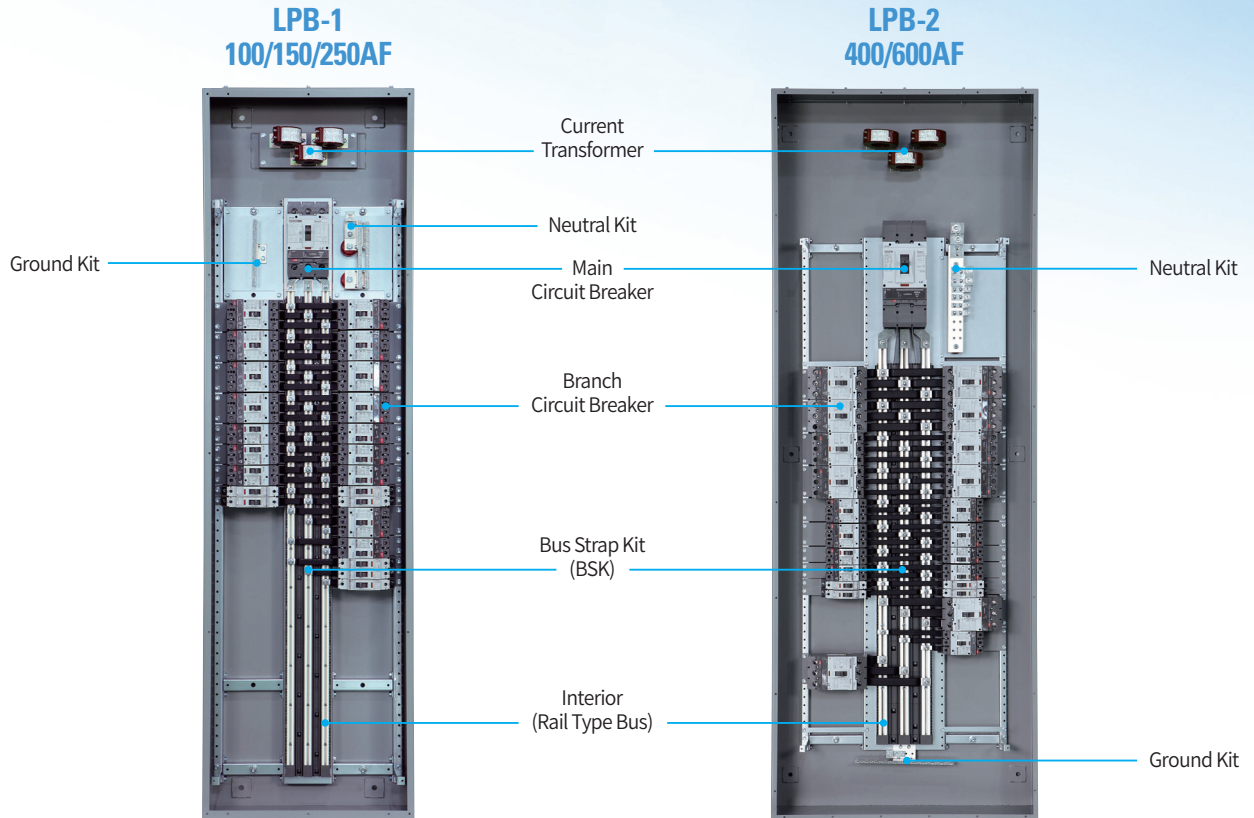
- Large industrial complexes
- Commercial and high-rise buildings
- OEM (Panelboard Assemblers)
- Utility/Public



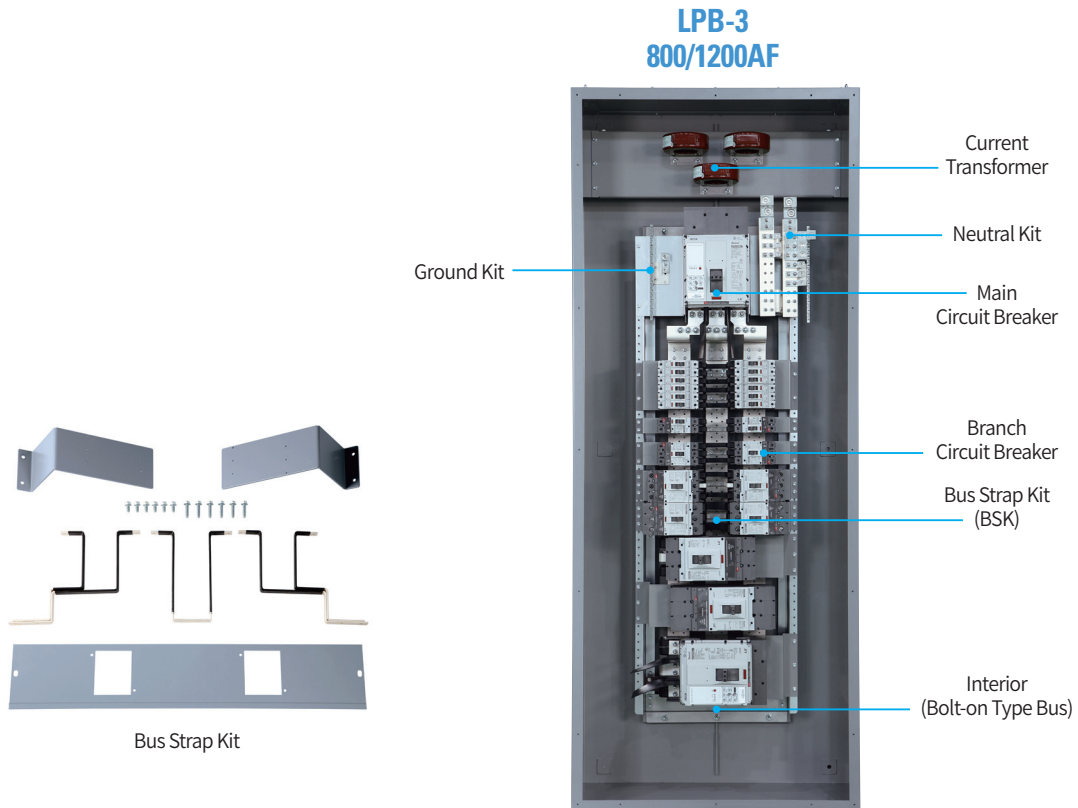


# Rail Type Panelboard

UL67 Panelboard



# Bolt-on Type Panelboard



## Applicable Circuit Breaker

| Series & Frame | Main | Branch | Ampere Rating (A) | Poles   | Interrupting Capacity (kA rms) |        |        |
|----------------|------|--------|-------------------|---------|--------------------------------|--------|--------|
|                |      |        |                   |         | Type                           | 240VAC | 480VAC |
| UTE100         | ○    | ○      | 15-100            | 1, 2, 3 | E                              | 50     | 25     |
|                |      |        |                   |         | N                              | 65     | 35     |
|                |      |        |                   |         | H                              | 100    | 65     |
| UTS150         | ○    | ○      | 40-150            | 2, 3    | N                              | 65     | 35     |
|                |      |        |                   |         | H                              | 100    | 65     |
|                |      |        |                   |         | L                              | 150    | 100    |
| UTS250         | ○    | ○      | 150-250           | 2, 3    | N                              | 65     | 35     |
|                |      |        |                   |         | H                              | 100    | 65     |
|                |      |        |                   |         | L                              | 150    | 100    |
| UTS400         | ○    | ○      | 250-400           | 2, 3    | N                              | 65     | 35     |
|                |      |        |                   |         | H                              | 100    | 65     |
|                |      |        |                   |         | L                              | 150    | 100    |
| UTS600         | ○    | ○      | 500-600           | 2, 3    | N                              | 65     | 35     |
|                |      |        |                   |         | H                              | 100    | 65     |
|                |      |        |                   |         | L                              | 150    | 100    |
| UTS800         | ○    | ○      | 400-800           | 3       | N                              | 65     | 35     |
|                |      |        |                   |         | H                              | 100    | 65     |
|                |      |        |                   |         | L                              | 150    | 100    |
| UTS1200        | ○    | ○      | 800-1200          | 3       | N                              | 50     | 35     |
|                |      |        |                   |         | H                              | 100    | 65     |
|                |      |        |                   |         | P                              | 65     | 50     |
|                |      |        |                   |         | L                              | 150    | 100    |

## LPB-1

### General Description

- Bus System: Rail type
- Main Lugs: 100/150/250A
- Main Breakers: 15 – 250A
- Branch Breakers: 15 – 100A
- Enclosure
  - NEMA Type 1 (Indoor)
  - Door in door
  - Std. Dimension: W:24" × H45"~90" × D8"
- UL67 Standards



| Description                            |                | 100AF                                                                              | 150AF           | 250AF            |
|----------------------------------------|----------------|------------------------------------------------------------------------------------|-----------------|------------------|
| Rated Current (A)                      | Main Breaker   | UTE100 (15-100)                                                                    | UTS150 (40-150) | UTS250 (150-250) |
|                                        | Main Lug       | 100                                                                                | 150             | 250              |
|                                        | Branch Breaker | UTE100 (15-100)                                                                    |                 |                  |
| Short Circuit Current Rating (kA, rms) | 240V           | 50-100                                                                             | 50-100          | 50-100           |
|                                        | 480V           | 25-65                                                                              | 25-65           | 25-65            |
| Main Bus Type                          |                | Rail                                                                               |                 |                  |
| Enclosure Type                         |                | NEMA Type 1 (Indoor)                                                               |                 |                  |
| Standard Enclosure Dimension Inch (mm) | W              | 24(610)                                                                            |                 |                  |
|                                        | H              | 45(1143), 60(1524), 75(1905), 90(2286)<br>Depends on the number of branch breakers |                 |                  |
|                                        | D              | 8(204)                                                                             |                 |                  |

# Panelboard Specifications

## LPB-2

### General Description

- Bus System: Rail type
- Main Lugs: 400/600A
- Main Breakers: 250 – 600A
- Branch Breakers: 15 – 250A
- Enclosure
  - NEMA Type 1 (Indoor)
  - Door in door
  - Std. Dimension: W33"×H60"~90"×D10"
- UL67 Standards



| Description                            |                | 400AF                                                                    | 600AF            |
|----------------------------------------|----------------|--------------------------------------------------------------------------|------------------|
| Rated Current (A)                      | Main Breaker   | UTS400 (250-400)                                                         | UTS600 (500/600) |
|                                        | Main Lug       | 400                                                                      | 600              |
|                                        | Branch Breaker | UTE100 (15-100) / UTS150 (40-150) / UTS250 (150-250)                     |                  |
| Short Circuit Current Rating (kA, rms) | 240V           | 50-100                                                                   | 50-100           |
|                                        | 480V           | 25-100                                                                   | 25-100           |
| Main Bus Type                          |                | Rail                                                                     |                  |
| Enclosure Type                         |                | NEMA Type 1 (Indoor)                                                     |                  |
| Standard Enclosure Dimension Inch (mm) | W              | 33(839)                                                                  |                  |
|                                        | H              | 60(1524), 75(1905), 90(2286)<br>Depends on the number of branch breakers |                  |
|                                        | D              | 10(254)                                                                  |                  |

# LPB-3

## General Description

- Bus System: Bolt-on type
- Main Lugs: 800/1200A
- Main Breakers: 400 – 1200A
- Branch Breakers: 15 – 1200A
- Enclosure
  - NEMA Type 1 (Indoor)
  - Door in door
  - Std. Dimension: W28”~40”×H75”~90”×D16”
- UL67 Standards



| Description                            |                | 800AF                                                                                                         | 1200AF                                                                                                                             |
|----------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Rated Current (A)                      | Main Breaker   | UTS800 (400-800)                                                                                              | UTS1200 (800-1200)                                                                                                                 |
|                                        | Main Lug       | 800                                                                                                           | 1200                                                                                                                               |
|                                        | Branch Breaker | UTE100 (15-100) / UTS150 (40-150) / UTS250 (150-250) / UTS400 (250-400) / UTS600 (500-600) / UTS800 (400-800) | UTE100 (15-100) / UTS150 (40-150) / UTS250 (150-250) / UTS400 (250-400) / UTS600 (500-600) / UTS800 (400-800) / UTS1200 (800-1200) |
| Short Circuit Current Rating (kA, rms) | 240V           | 50-100                                                                                                        | 50-100                                                                                                                             |
|                                        | 480V           | 25-100                                                                                                        | 25-100                                                                                                                             |
| Main Bus Type                          |                | Bolt-on                                                                                                       |                                                                                                                                    |
| Enclosure Type                         |                | NEMA Type 1 (Indoor)                                                                                          |                                                                                                                                    |
| Standard Enclosure Dimension Inch (mm) | W              | 28(712), 36(915), 40(1016)                                                                                    |                                                                                                                                    |
|                                        | H              | 75(1905), 90(2286)<br>Depends on the number of branch breakers                                                |                                                                                                                                    |
|                                        | D              | 16(407)                                                                                                       |                                                                                                                                    |





## Safety Instructions

- For your safety, please read user's manual thoroughly before operating.
- Contact the nearest authorized service facility for examination, repair, or adjustment.
- Please contact qualified service technician when you need maintenance. Do not disassemble or repair by yourself!
- Any maintenance and inspection shall be performed by the personnel having expertise concerned.



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