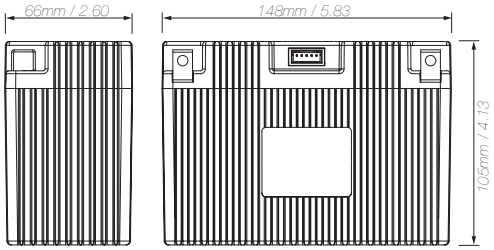
Shorai Battery

# Specifications and Dimensions

## Case size #1, 148mm length, 66mm width, 105mm height

Specifications and Dimensions



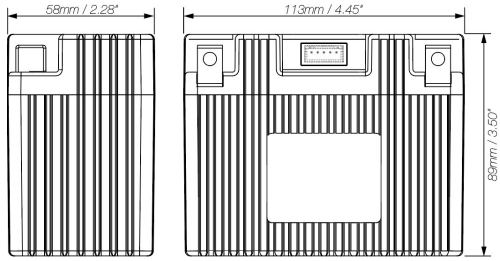



| Part # | Polarity | (Lead Acid Battery Equivalent Data) (For Reference Only) Voltage Pb Eq | A / Hr Pb Eq | CCA | Capacity (mAh) | Voltage | W / Hr | Weight (g) | Weight (Lbs) | Max charge Rate (A) |
|---|---|---|---|---|---|---|---|---|---|---|
| 12A1-BS12 | + _ | 12 V | 12 | 155 | 3500 | 13.2V | 46.2 | 720±36 | 1.59 | 12 |
| 14A1-BS12 | + _ | 12 V | 14 | 210 | 4500 | 13.2V | 59.4 | 880±44 | 1.94 | 14 |
| 18A1-BS12 | + _ | 12 V | 18 | 270 | 6000 | 13.2V | 79.2 | 1080±50 | 2.38 | 18 |
| 18L1-BS12 | _ + | 12 V | 18 | 270 | 6000 | 13.2V | 79.2 | 1080±50 | 2.38 | 18 |

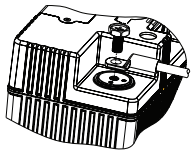
## Case size #2, 113mm length, 58mm width, 89mm height

Specifications and Dimensions

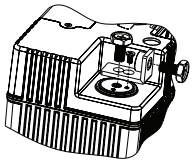




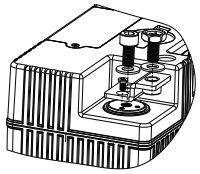

| Part # | Polarity | (Lead Acid Battery Equivalent Data) (For Reference Only) Voltage Pb Eq | A / Hr Pb Eq | CCA (A) | Capacity (mAh) | Voltage | W / Hr | Weight (g) | Weight (Lbs) | Max charge Rate (A) |
|---|---|---|---|---|---|---|---|---|---|---|
| 07L2-BS12 | _ + | 12 V | 7 | 102 | 2400 | 13.2V | 31.68 | 450±23 | 1.00 | 7 |
| 09A2-BS12 | + _ | 12 V | 9 | 135 | 3000 | 13.2V | 39.6 | 600±30 | 1.32 | 9 |
| 09L2-BS12 | _ + | 12 V | 9 | 135 | 3000 | 13.2V | 39.6 | 600±30 | 1.32 | 9 |
| 14A2-BS12 | + _ | 12 V | 14 | 210 | 4000 | 13.2V | 52.8 | 700±35 | 1.54 | 14 |
| 14L2-BS12 | _ + | 12 V | 14 | 210 | 4000 | 13.2V | 52.8 | 700±35 | 1.54 | 14 |
| 18A2-BS06 | + _ | 6 V | 18 | 270 | 6000 | 6.6V | 39.6 | 600±30 | 1.32 | 18 |
| 18L2-BS06 | _ + | 6 V | 18 | 270 | 6000 | 6.6V | 39.6 | 600±30 | 1.32 | 18 |



*Terminal base, for horizontal cable mount*



*L-Terminals included for vertical cable attachment; front or side mount.*



*Z-Terminals included for horizontal cable attachment; front or side mount.*

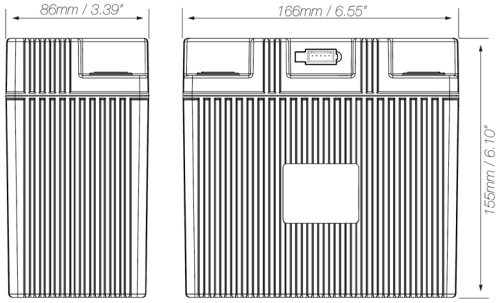
Shorai Battery

# Specifications and Dimensions

## Case size #3, 166mm length, 86mm width, 155mm height

Specifications and Dimensions





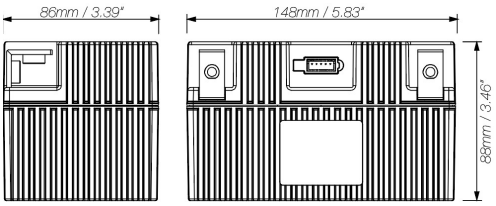

| Part # | Polarity | (Lead Acid Battery Equivalent Data) (For Reference Only) Voltage Pb Eq | A / Hr Pb Eq | CCA | Capacity (mAh) | Voltage | W / Hr | Weight (g) | Weight (Lbs) | Max charge Rate (A) |
|---|---|---|---|---|---|---|---|---|---|---|
| 24A3-BS12 | + – | 12 V | 24 | 360 | 8000 | 13.2V | 105.6 | 1600±80 | 3.53 | 24A |
| 24L3-BS12 | – + | 12 V | 24 | 360 | 8000 | 13.2V | 105.6 | 1600±80 | 3.53 | 24A |
| 27A3-BS12 | + – | 12 V | 27 | 405 | 9000 | 13.2V | 118.8 | 1690±85 | 3.73 | 24A |
| 27L3-BS12 | – + | 12 V | 27 | 405 | 9000 | 13.2V | 118.8 | 1690±85 | 3.73 | 24A |
| 36A3-BS12 | + – | 12 V | 36 | 540 | 12000 | 13.2V | 158.4 | 2100±105 | 4.63 | 24A |
| 36L3-BS12 | – + | 12 V | 36 | 540 | 12000 | 13.2V | 158.4 | 2100±105 | 4.63 | 24A |

*Max charge rate for all Case size #3 batteries is 24A*

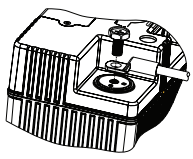
## Case size #4, 148mm length, 86mm width, 88mm height

Specifications and Dimensions

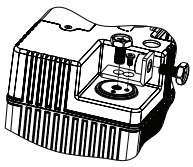




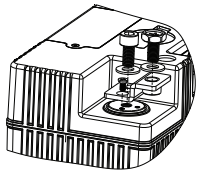

| Part # | Polarity | (Lead Acid Battery Equivalent Data) (For Reference Only) Voltage Pb Eq | A / Hr Pb Eq | CCA | Capacity (mAh) | Voltage | W / Hr | Weight (g) | Weight (Lbs) | Max charge Rate (A) |
|---|---|---|---|---|---|---|---|---|---|---|
| 14A4-BS12 | + – | 12 V | 14 | 210 | 4500 | 13.2V | 59.4 | 910±45 | 2.01 | 14 |
| 19A4-BS12 | + – | 12 V | 19 | 285 | 6400 | 13.2V | 84.48 | 1100±55 | 2.43 | 19 |



*Terminal base, for horizontal cable mount*



*L-Terminals included for vertical cable attachment; front or side mount.*



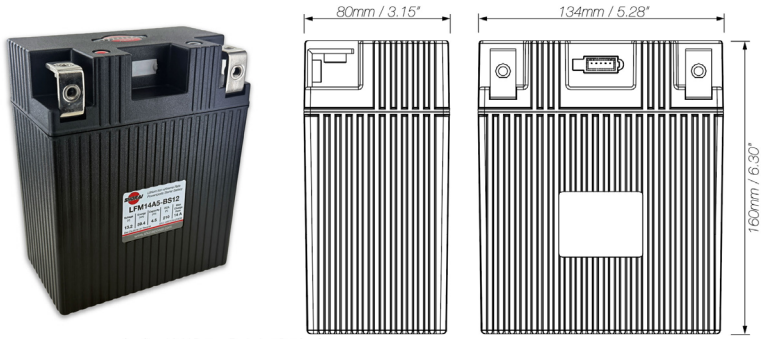
*Z-Terminals included for horizontal cable attachment; front or side mount.*

Shorai Battery

# Specifications and Dimensions

## Case size #5, 134mm length, 80mm width, 160mm height

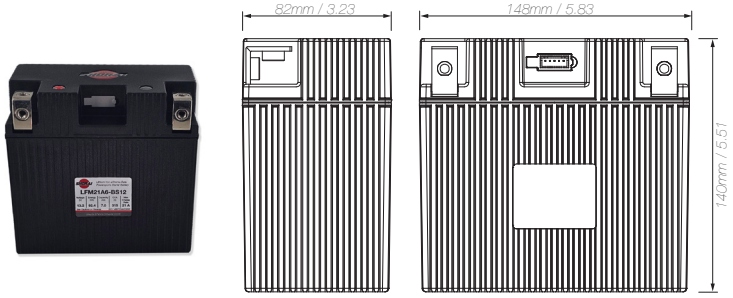
Specifications and Dimensions



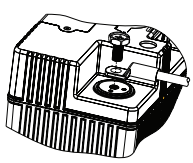

| Part # | Polarity | (Lead Acid Battery Equivalent Data) (For Reference Only) Voltage Pb Eq | A / Hr Pb Eq | CCA | Capacity (mAh) | Voltage | W / Hr | Weight (g) | Weight (Lbs) | Max charge Rate (A) |
|---|---|---|---|---|---|---|---|---|---|---|
| 14A5-BS12 | + _ | 12 V | 14 | 210 | 4500 | 13.2 V | 59.4 | 1030±50 | 2.27 | 14 |
| 14L5-BS12 | _ + | 12 V | 14 | 210 | 4500 | 13.2 V | 59.4 | 1030±50 | 2.27 | 14 |

## Case size #6, 148mm length, 82mm width, 140mm height

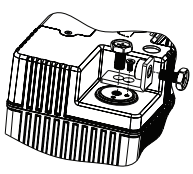
Specifications and Dimensions



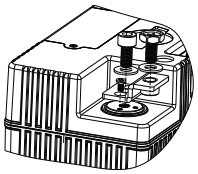

| Part # | Polarity | (Lead Acid Battery Equivalent Data) (For Reference Only) Voltage Pb Eq | A / Hr Pb Eq | CCA | Capacity (mAh) | Voltage | W / Hr | Weight (g) | Weight (Lbs) | Max charge Rate (A) |
|---|---|---|---|---|---|---|---|---|---|---|
| 21A6-BS12 | + _ | 12 V | 21 | 315 | 7000 | 13.2 V | 92.4 | 1320±60 | 2.91 | 21 |
| 21L6-BS12 | _ + | 12 V | 21 | 315 | 7000 | 13.2 V | 92.4 | 1320±60 | 2.91 | 21 |



*Terminal base, for horizontal cable mount*



*L-Terminals included for vertical cable attachment; front or side mount.*



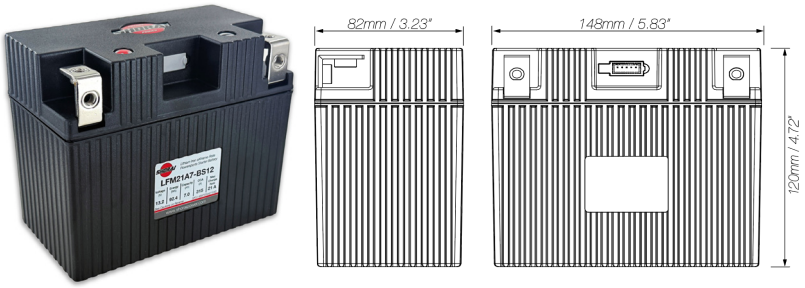
*Z-Terminals included for horizontal cable attachment; front or side mount.*

Shorai Battery

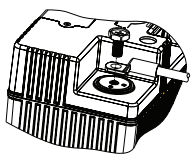
# Specifications and Dimensions

## Case size #7, 148mm length, 82mm width, 120mm height

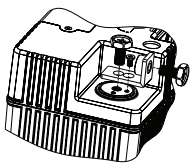
Specifications and Dimensions



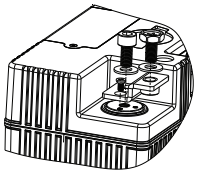

| Part # | Polarity | (Lead Acid Battery Equivalent Data) (For Reference Only) Voltage Pb Eq | A / Hr Pb Eq | CCA | Capacity (mAh) | Voltage | W / Hr | Weight (g) | Weight (Lbs) | Max charge Rate (A) |
|---|---|---|---|---|---|---|---|---|---|---|
| LFM21A7-BS12 | + – | 12 V | 21 | 315 | 7000 | 13.2 V | 92.4 | 1300±60 | 2.81 | 21 |
| LFM21L7-BS12 | – + | 12 V | 21 | 315 | 7000 | 13.2 V | 92.4 | 1300±60 | 2.81 | 21 |



*Terminal base, for horizontal cable mount*



*L-Terminals included for vertical cable attachment; front or side mount.*



*Z-Terminals included for horizontal cable attachment; front or side mount.*