# SUPERIOR POWER SUPPLIES

**Superior** Series

**Product Update:** Select **Superior Series Power Supplies** are transitioning to replacement models with updated SKUs. Current models will remain available while inventory lasts, where indicated. Additional models will transition over time.

**SKU Transition Guide**

| Current SKU | Current availability | Replacement SKU | Replacement availability |
|---|---|---|---|
| **H60W-SD-24** | Available while supplies last | **P-OH060-24-SD** | Available |
| **H96W-SD-24** | Available while supplies last | **P-OH096-24-SD** | Coming soon |

## 24VDC Specifications

*Current models* | *Replacement models*

**Overview**

| SKU | H60W-SD-24 | H96W-SD-24 | P-OH060-24-SD | P-OH096-24-SD |
|---|---|---|---|---|
| Warranty | 10-year product/ 5-year limited labor | 10-year product/ 5-year limited labor | 10-year product/ 5-year limited labor | 10-year product/ 5-year limited labor |
| Certifications | UL, CE, ENC, FCC | UL, CE, ENC, FCC | UL, CE, ENC, FCC | UL, CE, ENC, FCC |

**Performance**

| | | | | |
|---|---|---|---|---|
| Input voltage | 100~277VAC | 100~277VAC | 100~277VAC | 100~277VAC |
| Input frequency | 50~60 Hz | 50~60 Hz | 50~60 Hz | 50~60 Hz |
| Input current | 0.8A/110VAC \| 0.3A/277VAC | 1.00A/115VAC \| 0.45A/277VAC | 0.610A/120VAC \| 0.316A/277VAC | 1.04A/115VAC \| 0.442A/277VAC |
| Power factor | ≥ 0.90 | ≥ 0.93 | ≥ 0.90 | ≥ 0.90 |
| Output voltage | DC 24V ±2.5% | DC 24V ±2.5% | DC 24V ±2.5% | DC 24V ±2.5% |
| Output current | 2.5 A | 4.0 A | 2.5 A | 4.0 A |
| Output power | 60W | 96W | 60W | 96W |

**Safety & Protection**

| | | | | |
|---|---|---|---|---|
| Protective characteristics | Over-current/ short-circuit/ over-voltage/ over-temperature | Over-current/ short-circuit/ over-voltage/ over-temperature | Over-current/ short-circuit/ over-voltage/ over-temperature | Over-current/ short-circuit/ over-voltage/ over-temperature |
| IP rating | IP68 | IP68 | IP68 | IP68 |

**Environmental**

| | | | | |
|---|---|---|---|---|
| UL environment suitability | Damp, dry, and wet | Damp, dry, and wet | Damp, dry, and wet | Damp, dry, and wet |
| Operating temperature | -40°~+60° C | -40°~+60° C | -40°~+60° C | -40°~+60° C |
| Storage temperature | -40°~+85° C | -40°~+85° C | -40°~+80° C | -40°~+80° C |
| Relative humidity | 20~95% RH, non-cond. | 20~95% RH, non-cond. | 20~95% RH, non-cond. | 20~95% RH, non-cond. |

**60W, 24VDC**
**(Current)**



**60W, 24VDC**
**(Replacement)**



**96W, 24VDC**
**(Current)**



**96W, 24VDC**
**(Replacement)**



Specifications subject to change without notice.

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# SUPERIOR POWER SUPPLIES

Superior Series

## 24VDC Specifications

### *Current models (cont.)*

**Overview**

| SKU | H192W-SD-24 | H288W-SD-24 |
|---|---|---|
| Warranty | 10-year product/ 5-year limited labor | 10-year product/ 5-year limited labor |
| Certifications | UL, CE, ENC, FCC | UL, CE, ENC, FCC |
| **Performance** | | |
| Input voltage | 100~277VAC | 100~277VAC |
| Input frequency | 50~60 Hz | 50~60 Hz |
| Input current | 2.0A/115VAC \| 0.8A/277VAC | 3.0A/110VAC \| 1.2A/277VAC |
| Power factor | ≥ 0.99@115VAC | ≤.92% |
| Output voltage | DC 24V ±2.5% | DC 24V ±2.5% |
| Output current | 4.0 A x 2 | 3.9 A |
| Output power | 192W | 288W (96 per leg) |
| **Safety & Protection** | | |
| Protective characteristics | Over-current/ short-circuit/ over-voltage/ over-temperature | Over-current/ short-circuit/ over-voltage/ over-temperature |
| IP rating | IP68 | IP68 |
| **Environmental** | | |
| UL environment suitability | Damp, dry, and wet | Damp, dry, and wet |
| Operating temperature | -40°~+60° C | -40°~+50° C |
| Storage temperature | -40°~+80° C | -40°~+80° C |
| Relative humidity | 20~95% RH, non-cond. | 20~95% RH, non-cond. |

**192W, 24VDC**




**288W, 24VDC**




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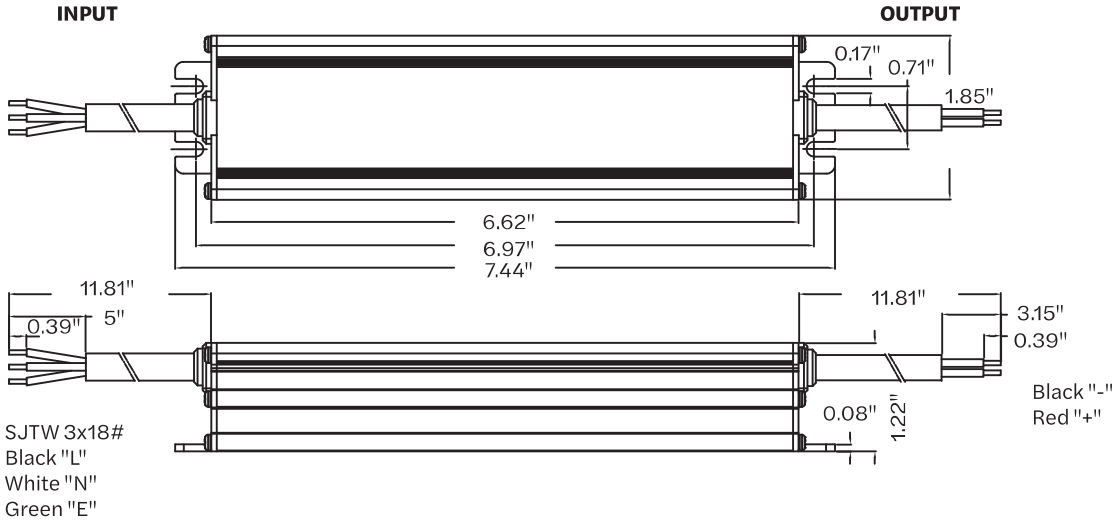
Specifications subject to change without notice.

# SUPERIOR POWER SUPPLIES

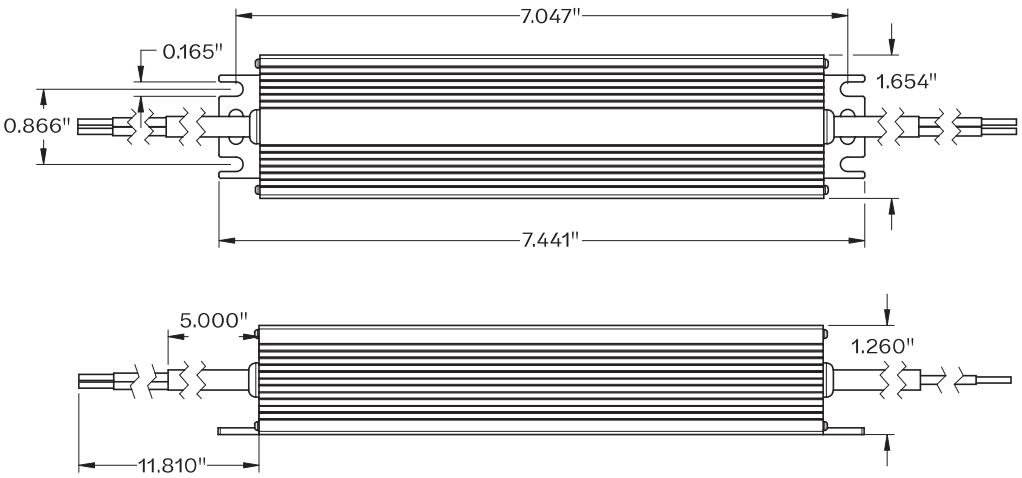
Superior Series

## 24VDC Dimensions

*H60W-SD-24 (Current model)*




*P-OH060-24-SD (Replacement model)*





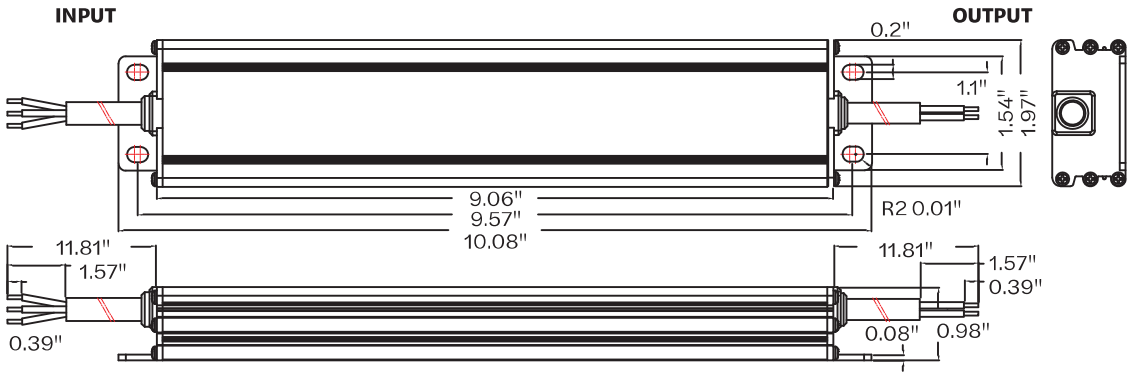

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# SUPERIOR POWER SUPPLIES

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## 24VDC Dimensions

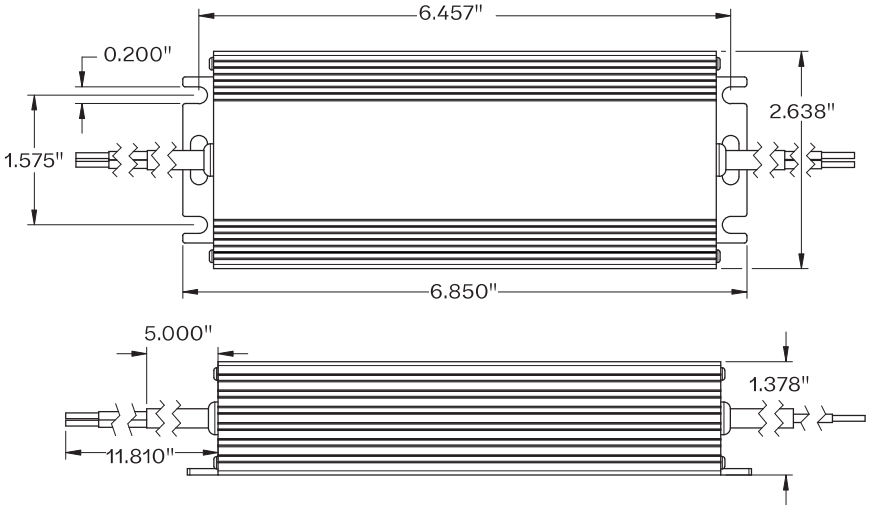
*H96W-SD-24 (Current model)*




SJTW 3x18#
Black "L"
White "N"
Green "E"

SJTW 2x18#
Black "-"
Red "+"

*P-OH096-24-SD (Replacement model)*






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