

# Halio® System Power Supply

The Halio System Power Supply provides clean 48VDC power to all Halio system components. It easily connects to standard AC power. While designed to efficiently recharge the Halio Energy Manager, it can directly power Tint Drivers, Gateways, and more in certain configurations.



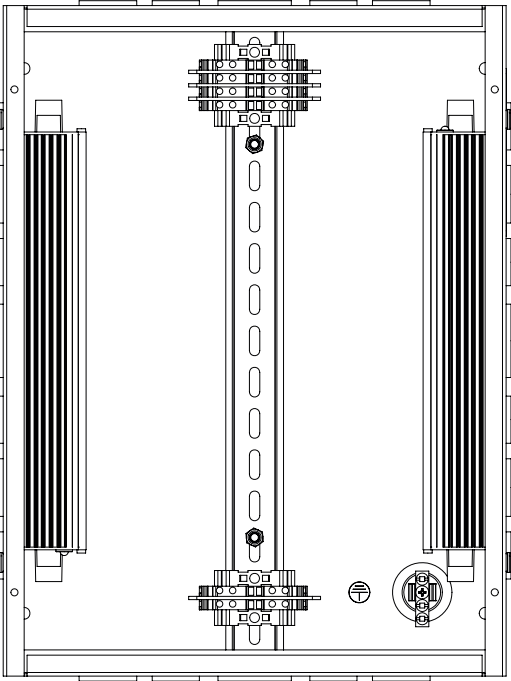
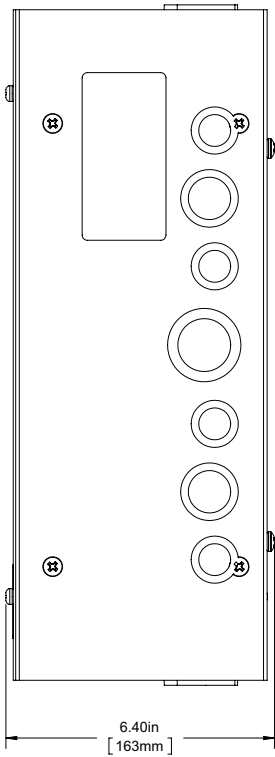
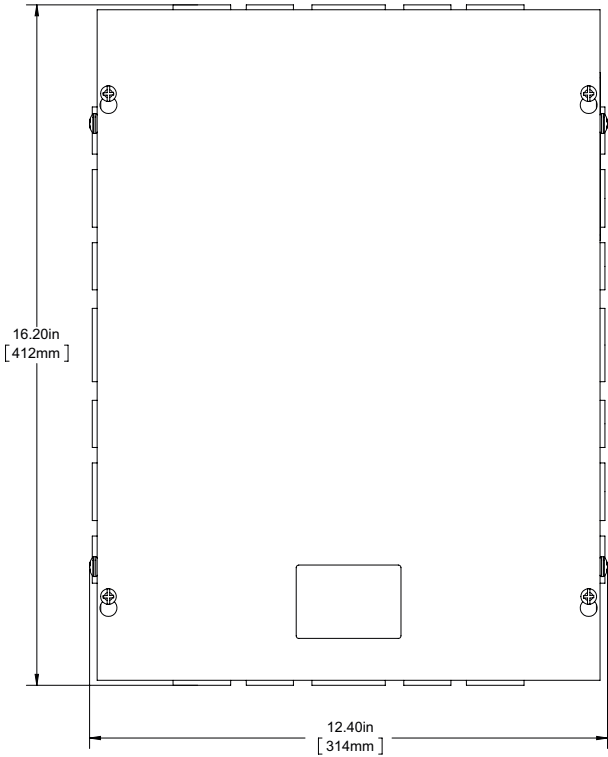
## KEY FEATURES

- Provides the Halio system with up to 1200W of 48VDC power
- Two independent 600W power supplies housed in a single cabinet
- Provides DC power to the Energy Manager, Gateway, and Tint Drivers
- High efficiency (up to 95%) with low power dissipation
- Built-in circuit, overload, and overtemperature protections
- Screw-mounted door to control access
- Can be installed up to 250 ft (76m) from Component Cabinet

## INSTALLATION

- Select a suitable location for connecting to the building's input power within 250 ft (76m) of the Halio Component Cabinets
- Route line-voltage electrical wiring for AC input power through conduit connected to cabinet knockouts
- Route DC power output cables from both power supplies to the desired Halio Component Cabinets
- Connect all wiring using the power cabinet screw terminals

# POWER SUPPLY DIMENSIONS



## SPECIFICATIONS

<b>Model</b>	PS120
<b>Charging Supplies</b>	Two 600W charging power supplies with independent outputs
<b>Power Input</b>	<p>Input Voltage: 100VAC - 240VAC, 50/60Hz</p> <p>Max Input Current: 14A @ 115VAC   6.6A @ 230VAC</p> <p>Standby Power Consumption: &lt;1W</p> <p>Wiring Connections: Line and neutral screw terminals plus earth ground lug</p> <p>Cabinet provides screw terminals for connecting AC input power and internal wiring to individual power supplies</p> <p>Cable Type: Standard AC power cable 12 - 14 AWG   4.0mm<sup>2</sup> - 2.5mm<sup>2</sup></p>
<b>Power Output</b>	<p>Output Voltage: 48VDC</p> <p>Max Output Current: 10.5A per power supply output   21A total</p> <p>Max Output Power: 600W per power supply output   1200W total</p> <p>Wiring Connections: DIN-rail screw terminals</p> <p>Independent DC output connections provided for each power supply module; wiring outputs in parallel is not supported</p> <p>Cable Type: 8 x 14 AWG   8 x 2.5mm<sup>2</sup></p> <p>Two output pairs per power supply</p> <p>Max Cable Length: 250'   76m</p>
<b>Cabling Knockouts</b>	<p>Quantity: 24 total (5 top, 5 bottom, 7 left side, 7 right side)</p> <p>Sizes: 0.75", 1", 1.25", 1.75"   19mm, 25mm, 32mm, 178mm</p>
<b>Product Dimensions</b>	<p>Size: 16.2" H x 12.4" W x 6.4" D   412mm H x 314mm W x 163mm D</p> <p>Weight: 31.5lb   14.3kg</p>
<b>Environmental</b>	<p>Indoor Use Only</p> <p>Ambient Operating Temperature: 32°F to 104°F   0°C to 40°C</p> <p>Recommended Relative Humidity: 30% - 70% RH</p> <p>Storage Temperature: -4°F to 140°F   -20°C to 60°C</p> <p>Electrostatic Discharge Protection: +20kV</p>
<b>Certifications</b>	ETL, CE, FCC, IC, RoHS, WEEE, UL-50 Type 1, CSA Type 1, NEMA Type 1, IEC 60529, IP20

### Warranty

5 years, limited

©2019 Kinestral Technologies, Inc. Halio and Kinestral are trademarks of Kinestral Technologies, Inc. Halio North America, LLC and Halio International, S.A. are licensees of the Halio trademark and brand. All other trademarks are owned by their respective manufacturers.

HSPSV9-20191104

**HALIO**

halioglass.com