

# FURRION

## ALL-IN-ONE POWER CENTER

FCVSWC54A



OVER VOLTAGE  
PROTECTION



OVER CURRENT  
PROTECTION



SHORT CIRCUIT  
PROTECTION



THERMAL  
PROTECTION

UP TO  
**420W**

CONVERTER/CHARGER  
RATING



LEAD ACID  
BATTERY CHARGING



WORK WITH FURRION  
LIFEPO4 BATTERY



BATTERY  
MAINTENANCE-FREE



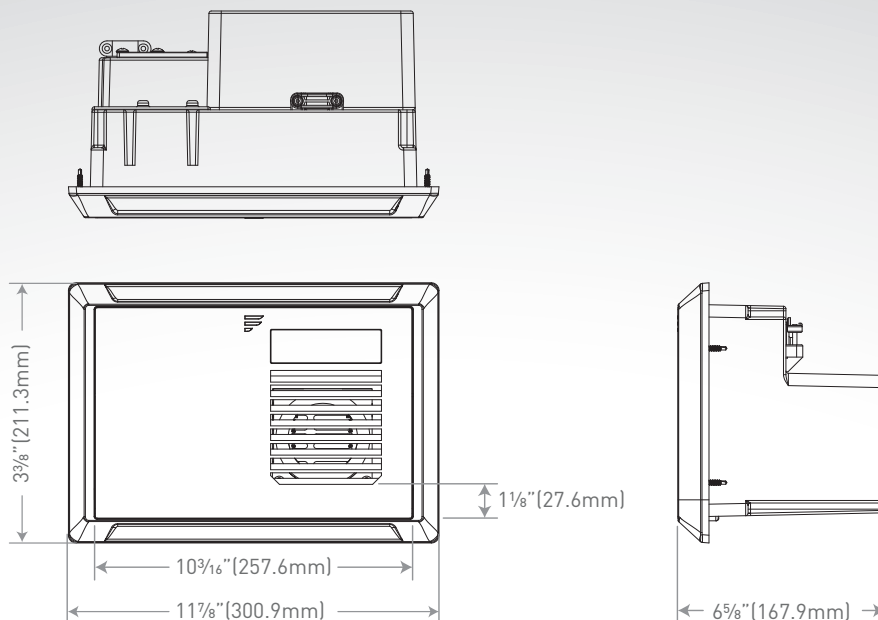
INTELLIGENT  
FAN SPEED CONTROL

- Easy access reverse battery protection fuses

- Reverse Polarity Protection (fused)



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### Specifications

|                                                               |                             |
|---------------------------------------------------------------|-----------------------------|
| <b>LiFePo4</b>                                                |                             |
| Bulk                                                          | 14.6 V                      |
| Float                                                         | 13.6V                       |
| <b>Sealed</b>                                                 |                             |
| Bulk                                                          | 14.4V                       |
| Float                                                         | 13.4V                       |
| Stand By Voltage                                              | 13.2V                       |
| Charge Current                                                | 45A                         |
| Operation Voltage Range                                       | 105Vac to 132Vac / 60Hz     |
| Full Load Input Power                                         | 790W                        |
| No Load Input Current                                         | 250mA                       |
| Full Load Input Current (120V/60Hz)                           | 8.8A                        |
| Efficiency (at LiFePo4)(120Vac)                               | >80%                        |
| Line Regulation At Full Load<br>(@input voltage 105V to 132V) | 3%                          |
| Output Over Voltage Protection                                | ✓                           |
| Load Regulation (10%-100% Load)                               | 3%                          |
| Auto Battery Type Selection                                   | ✓                           |
| Certification                                                 | UL458/UL67/FCC PART 15b     |
| Working Environment                                           | -10°C to 50°C/14°F to 122°F |
| Storage Environment                                           | -20°C to 70°C/-4°F to 158°F |

### Protection

|                                                    |         |
|----------------------------------------------------|---------|
| Reverse Polarity Protection                        | By Fuse |
| Electronic Current Limiting                        | ✓       |
| Intelligent Fan Speed Control                      | ✓       |
| Intelligent Thermal De-rating & Cut-off Protection | ✓       |
| DC Lower & Higher Voltage Protection               | ✓       |
| AC Lower Voltage Protection                        | ✓       |

### Packaging Information

|                                      |                                                    |
|--------------------------------------|----------------------------------------------------|
| Packaging Type                       | Master Carton Box                                  |
| Quantity Per Box (pcs)               | 2                                                  |
| Master Carton Dimensions (W x H x D) | 15 3/4" x 15 3/4" x 15 3/8"<br>(400 x 400 x 385mm) |
| Master Carton Gross Weight (kg/lbs)  |                                                    |
| Master Carton Net Weight (kg/lbs)    |                                                    |

### Container Load Information

|                             |      |
|-----------------------------|------|
| 40" HQ Container Load (pcs) | 1800 |
|-----------------------------|------|

\* Note: "✓"=Equipped

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# This manual is provided courtesy of **RV Tech Cheat Sheet**



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Follow proper safety practices. If in doubt, consult a professional RV technician.