



**Model WF-8540LiS**

Output: 40 (LA), 37 (LI) Amps DC  
Input: 105-130 VAC,  
60 Hz, 685W

**Model WF-8560LiS**

Output: 60 (LA), 55 (LI) Amps DC  
Input: 105-130 VAC,  
60 Hz, 1030W

## Lithium Switch: Two Battery Options in One Space

With future RV development in mind, WFCO has developed the WF-8500LiS Series, an advancement to the most forward thinking power center available today. The Lithium Switch allows customers the versatility to change charging modes between lead-acid and lithium batteries by simply hitting a switch. Easy to use, the WF-8500LiS Series provides a convenient, cheaper, long-term option that eliminates the hassle of swapping out a whole unit.

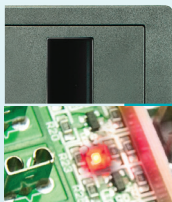
Built on 40 years of power equipment experience, the WF-8500LiS Series combines exclusive zero clearance design with reduced dimensions to give manufacturers greater design flexibility.

**Reliability.** Vertically integrated, WFCO has total supply chain control, ensuring quality materials, parts, and processes at each stage. Components are quality tested at critical manufacturing stages resulting in zero faults at the final 4-hour burn-in test, helping keep warranty claims below 1%.

All models are UL\* and cUL\* listed and FCC Class B compliant.

### PRODUCT FEATURES

These WFCO exclusives provide more safety and diagnostic information to technicians and RV owners.



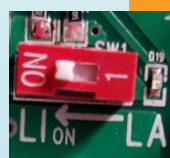
Every DC circuit has a blown-fuse indicator that can be seen through our exclusive viewing window.



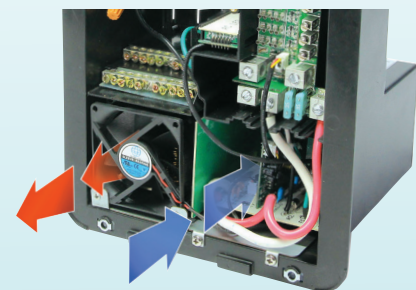
Three AC LEDs inside the door indicate the status of incoming voltage. Green is normal. Yellow is low. Red is too high.



Optional Reverse Polarity Detection meets new RVIA and NEC requirements with an audible alarm notification. No additional wiring or hookup required and accepts hi-pot testing.



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Zero clearance design is a space-saving WFCO exclusive. The airflow system draws cool air in from the front and expels warm air out through the front as well. Space is not needed behind the converter for warm air exhaust. Cooling fans operate only when the electric load requires it, avoiding temperature spikes and providing quieter operation.

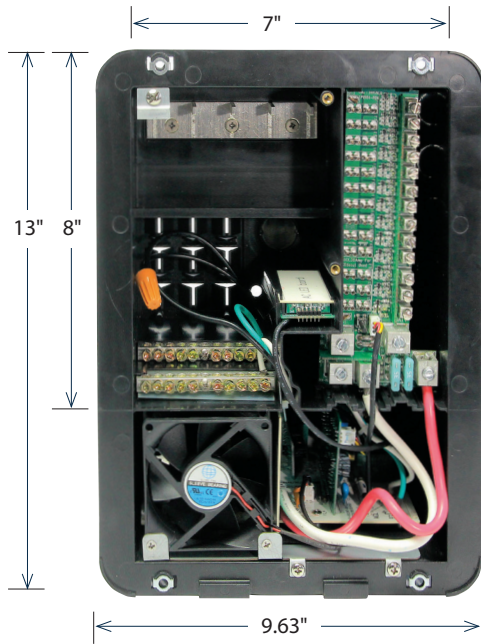
Other exclusive WFCO features:

- Ultra-high power density, which provides more power in a small space.
- 13 DC circuits, including three 30 Amp, for design flexibility.
- 30 Amp main application with 9 AC branches.

# WF-8500LiS Series

## EASY INSTALLATION

All WFCO models are designed with the installer and assembly line in mind. We work with installers every day to find ways to streamline installation to reduce time and fiddle factor.



Exclusive choice of four DC circuit connection modes allows customers to select their preferred wiring connection mode for speed and ease.



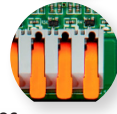
QuickConnect terminals



Screw terminals



Wire pigtails



WAGO Connectors

Compact size makes installation in tight spaces easier, while providing plenty of hand room for installers to work.



### THE BATTERY GUARDIAN™

The WF-8500LiS Series is designed with optimized charging for battery chemistry in the unit. For Lead Acid Batteries, WFCO's automatic three-stage converter handles every charging need for the RV while extending the battery's life. For Lithium-Ion Batteries, the multi-stage process ensures a safe operating voltage for all loads, replaces energy back into the battery, and assures the lithium cells inside the battery remain balanced. See [wfcoelectronics.com](http://wfcoelectronics.com) for details.



Optional GE model compatible with GETHQP slimline breakers.

SPECIFICATIONS	WF-8540LiS	WF-8560LiS
Power Input	685W	1030W
Input Voltage	105 VAC - 130 VAC / 60 Hz	
Output Current (LA/LI)	40A / 37A	60A / 55A
Converter Type (LA/LI)	3 Stage Intelligent Charge / 2 Stage Intelligent Charge	
Voltage Output (LA/LI)	13.2 - 14.4 VDC / 13.6 - 14.6 VDC	
Normal mode	13.6 VDC	
Trickle charge mode (LA ONLY)	13.2 VDC	
Bulk charge mode (LA/LI)	14.4 VDC / 14.6 VDC	
Outer Dimensions	9 5/8"W x 13"H x 8 7/16"D	
Rough Opening	7 13/16"W x 11 5/16"H x 7 3/8"D	
Weight	5.9 lbs.	6.12 lbs.

Certifications: UL® and cUL® listed and FCC Class B compliant.  
Specifications are subject to change without notice or obligation.

### ALL MODELS:

Standard Safety Features/Protections:  
Over Current, Over Temperature, Over Voltage, Reverse Polarity

### Installation:

AC Circuits: One 30 Amp 120 volt Main with up to 9 AC Branch Circuits  
DC Circuits: 13 DC, ten 20 Amp and three 30 Amp  
Case Material: Plastic  
Colors: Brown/Black



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The RV Industry's Electrical Authority

Our Power Pros provide expert technical support for everything the RV industry needs. Visit [wfcoelectronics.com/support](http://wfcoelectronics.com/support).



EXPERT PRODUCT SUPPORT