



# AUTO-DETECT:

## Two Battery Options in One Space

Model WF-8540-AD- Output: 40 Amps DC - Input: 105-130 VAC, 60 Hz, 685W  
Model WF-8560-AD- Output: 60 Amps DC - Input: 105-130 VAC, 60 Hz, 1030W



With future RV development in mind, WFCO has developed the WF-8500-AD Series, an advancement to the most forward thinking power center available today that includes an industry first, Patent Pending Auto-Detect technology. This new microprocessor driven technology will recognize lithium ion and lead acid battery chemistries and automatically adjust the charging profile to match the battery type.

No more buttons. No more switches. RV owners will have the peace of mind that their batteries will be accurately charged, eliminating the risk of over and under charging. Additionally, with multi-stage charging and current monitoring in both lead acid and lithium profiles, battery life will be maximized.

### PRODUCT FEATURES

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

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.



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



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.



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



## THE BATTERY GUARDIAN™

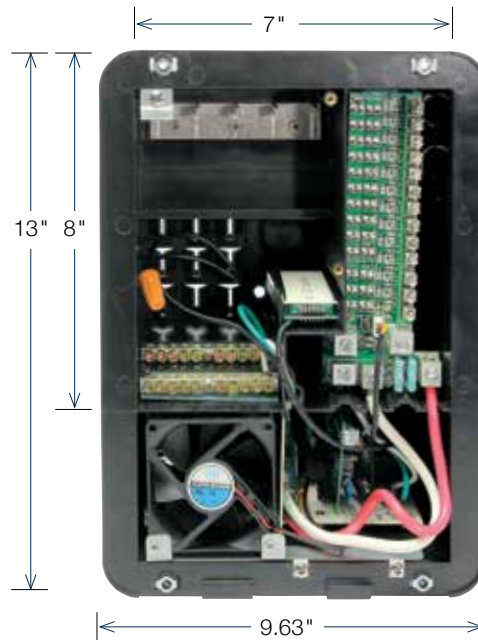
The WF-8500-AD Series is designed with optimized charging for battery chemistry in the unit. For Lead Acid Batteries, WFCO's automatic three-stage converter handles every charging need for the RV while extending the battery's life. For Lithium-Ion Batteries, the multi-stage process ensures a safe operating 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 GE THQP slimline breakers.







## 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.

-  Quick Connect Terminals
-  Screw Terminals
-  Wire Pigtailed
-  WAGO Connectors

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

SPECIFICATIONS	WF-8540-AD	WF-8560-AD
Power Input	685W	1030W
Input Voltage	105 VAC - 130 VAC / 60 Hz	
Output Current	40A	60A
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	13.2 VDC	
Bulk charge mode	14.4 VDC / 14.6	
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



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