

Innovating the Future of RV POWER

WF-8500-AD POWER CENTER SERIES



AUTO-DETECT: Two Battery Options in One Space

Model WF-8540-AD- Output: 40 amps DC - Input: 105-130 V AC, 60 Hz, 685 W
Model WF-8560-AD- Output: 60 amps DC - Input: 105-130 V AC, 60 Hz, 1030 W

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, 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. An accurately charged battery gives RV owners peace of mind. Eliminating the risk of over and under-charging the WF-8500-AD will maximize your battery life with multi-stage charging and current monitoring in both Lead-Acid and Lithium-Ion profiles.

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 AC Reverse Polarity Detection meets RVIA and NEC requirements with 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, and red is too high of a voltage.



THE BATTERY GUARDIAN™

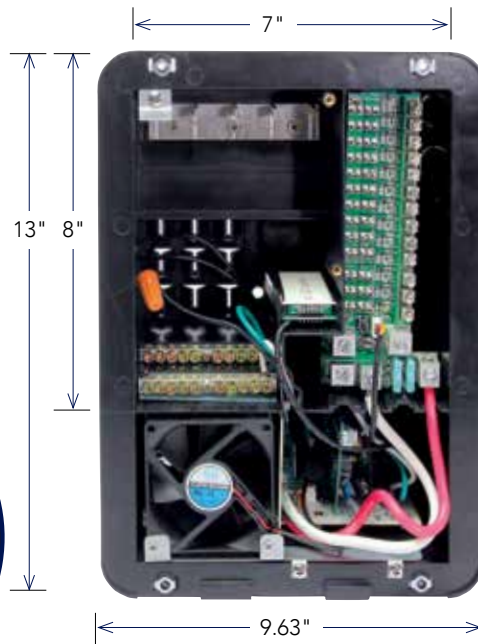
The WF-8500-AD Series is designed with optimized charging for battery chemistry in the unit. For Lead-Acid batteries, WFCO's automatic three-stage converter handles every charging need for the RV while extending the battery's life. For Lithium-Ion batteries, the multi-stage process ensures a safe operating voltage for all loads, replaces energy, and assures the Lithium-Ion cells remain balanced. See wfcocoelectronics.com/product/wf-8500-ad-series.com for details.

Optional GE model compatible with GE THQP slimline breakers.



EASY INSTALLATION

WFCO works with installers every day to streamline installation and reduce time.



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 Pigtails



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	685 W	1030 W
Input Voltage	105 V AC - 130 V ac / 60 Hz	
Output Current	40A / 37 A	60A / 55A
Converter Type (LA/LI)	3 Stage Intelligent Charge / 2 Stage Intelligent Charge	
Voltage Output (LA/LI)	13.2 - 14.4 V DC / 13.6 - 14.6 V DC	
Normal mode	13.6 V DC	
Trickle charge mode (LA Only)	13.2 V DC	
Bulk charge mode	14.4 V DC / 14.6 V DC	
Outer Dimensions	9 1/2"W x 8 1/2"L x 13"H	
Rough Opening	7 3/4"W x 7 7/16"L x 11 1/8"H	
Weight	5.9 lb	6.12 lb
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 and Short Circuit

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

Black



EXPERT PRODUCT SUPPORT

Our Power Pros provide expert technical support for everything the RV industry needs.

Visit wfcocoelectronics.com/support.