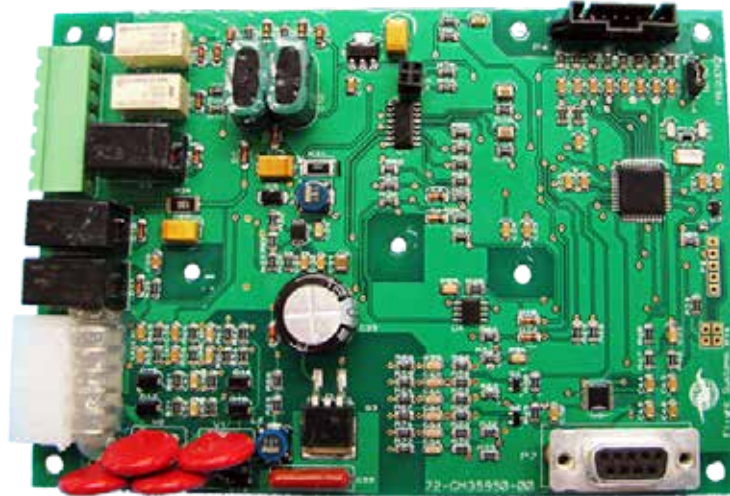


Replacement Kohler® GM35950 MPAC 500 ATS CONTROL (ASAP Part No. GM35950-A)



- Improved power supply for increased efficiency and reduced noise.
- Improved standby power supply to decrease temperatures and extend the life of the board as well as prevent loss of exercise cycle.
- Automotive grade microcontroller with extended temperature range and improved oscillator to prevent intermittent resets, loss of exercise cycle, and drift.
- Serial interface with AT command set to adjust parameters. No special software required.
- Our replacement is also compatible with the I2C accessory board GM39650
- Conformal coating applied to reduce risk of moisture/corrosion damage.
- Made in USA; 2-Year Warranty
- *See reverse for list of AT commands to adjust settings and other details*

TECHNICAL SUPPORT

Technical support is available by phone, fax or email for this product.

Phone: 717-383-4982 (8:00am - 4:00pm ET, M-F) Fax: 877-679-7644
asap@partsfortechs.com

Designed & Built in USA for

ASAP
ADVANCED SERVICE AND PARTS, LLC

1051 E Cumberland St Lebanon, PA 17042 Ph: 717-274-9396 www.partsfortechs.com

List of AT commands to adjust settings on the GM35950-A

Use the following AT command set to adjust parameters. The serial port must be connected using a null modem cable. *No special software is required.* Using your preferred serial port communication software such as Hyper Terminal, Commfront, or Hercules set your COM port to **19200 BAUD, 8 DATA, NO PARITY, 1 STOP.**

Header must define GET(?) or SET(=).

EXAMPLE:

ATES? - Returns engine start delay

ATES=5 - Sets engine start delay to 5 seconds.

SETTINGS:

<u>SETTINGS:</u>		<u>DEFAULT SETTINGS:</u>
ATES - Engine Start Delay	1-10 seconds	3 seconds
ATED - Exercise Cycle Delay	168-672 hours	168 hours (1 week)
ATET - Exercise Period	1-3000 seconds	1200 seconds (20 min)
ATLC - Load Control Delay	1-1200 seconds	300 seconds (5 min)
ATTR - Transfer Delay	1-10 seconds	3 seconds
ATRT - Retransfer Delay	60-1800 seconds	360 seconds (6 min)
ATCD - Cool Down Period	1-600 seconds	300 seconds (5 min)
ATEF - Emergency Power Fail Delay	60-100 seconds	78 seconds
ATFO - Frequency dropout percentage	50-99%	90%
ATFI - Frequency pullin percentage	50-99%	96%
ATDO - Dropout Voltage percentage	50-99%	80%
ATPI - Pullin Voltage percentage	50-99%	85%
ATAC - Apply Changes	Re-read all saved settings	
ATFD - Factory Defaults	Set all settings to factory defaults	
ATHW - Hardware results	Read all parameters (voltage, mode, frequency, etc.)	
ATSW - Software settings	Read all current settings	

WARRANTY POLICY This manufactured replacement generator/ATS control is warranted to be free from defects in materials and workmanship for a period of two years from the date it was sold. (*This date appears on unit label*)

The Limited Warranty covers the repair or replacement of defective product within the warranty period. It does not cover the cost of installation, or removal costs incurred, or possible damage to other equipment (including the generator or parts thereof) as a result of this product.

The manufacturer shall reserve the right to determine the cause of malfunction. ***In the case if it is determined that it was due to abuse, misuse, improper installation, acts of nature (such as storms), failure to perform recommended gen set maintenance procedure or problems elsewhere in the gen set, the warranty claim shall be disallowed and established repair rates shall apply.***

Contact us for information on where to send a defective unit.

Please prepay all freight charges and note the nature of the failure, if known.

REBUILDING SERVICE If this product suffers a failure when out of warranty, it can be rebuilt. After a rebuild, a One-Year Warranty will be issued. Please contact us for current rebuild pricing and where to send the part.

Please prepay all freight charges and note the nature of the failure, if known.