
INSTALLATION INSTRUCTIONS

Original Issue Date: 6/07

Model: MPAC™ 1500

Market: ATS

Subject: MPAC™ 1500 Demonstration Case Kit GM51765-KP1

Introduction

The demonstration case kit allows the user to show the MPAC™ 1500 automatic transfer switch controller setup and operation. The demonstration kit also simulates normal source failure and return. The kit can be plugged into a 120 VAC outlet and operated on a table top.

The kit includes the demonstration unit, power cord, Transfer Switch Operation/Installation Manual TP-6446, Monitor III software with key, and Monitor III Operation Manual TP-6347.

The demonstration unit is shown in Figure 1.

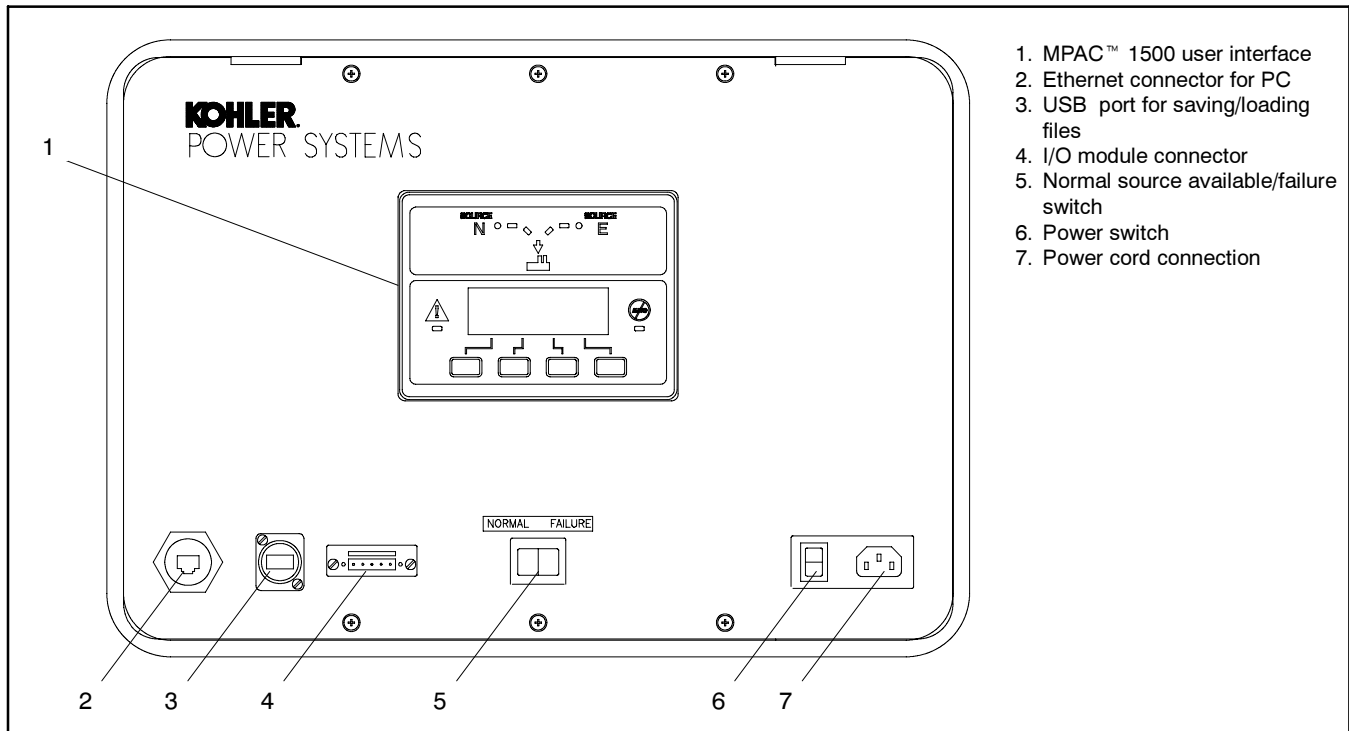
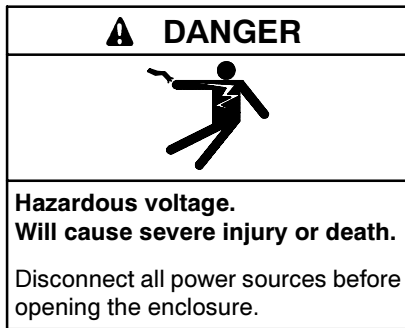


Figure 1 Demonstration Unit

Safety Precautions



Instructions

Plug the power cord into a 120 VAC outlet and move the power switch to the ON position. Refer to transfer switch Operation/Installation Manual TP-6446, provided, for instructions to view and change the transfer switch controller settings.

Normal Source Failure and Return

The rocker switch simulates normal source available and normal source failure conditions. With the switch in the Normal Available position, the controller LEDs indicate Source N Available and the contactor in the Source N position.

Move the switch to the Normal Failure position to simulate a loss of the normal source. The controller sends an engine start signal, indicates Source E available, and simulates transfer to source E, executing all applicable time delays during the sequence.

Move the switch back to the Normal Available position to simulate return of the normal source. The controller executes the applicable time delays and simulates transfer back to source N. The engine cooldown time delay executes if it is not set to zero.

Monitor III Software

Monitor III software is included with the demonstration kit. Refer to Monitor III Operation Manual TP-6347, provided with the demonstration case, for instructions to

load the software onto your PC or laptop computer. Insert USB interface GM29225 (provided) into the PC's USB port to allow operation of the software.

Use a crossover cable to connect the computer to the demo unit's ethernet port. Refer to the the Operation Manuals provided with the demonstration kit to set up communication between the PC and the ATS controller.

Monitor III software can used to monitor transfer switch operation and change settings on the controller. Refer to the Monitor III Operation Manual for usernames, passwords, and other instructions.

Input/Output Modules

Input/output modules can be connected to the demonstration unit. Obtain I/O module mounting kit GM46258-KP1 and one or more I/O modules. Connect the I/O module cable (included with mounting kit) to the green 5-pin connector on the demo unit. Refer to TP-6446 for instructions to set up the I/O Modules.

USB Port

Connect a USB mass storage device (not provided) to the USB port to save settings or download files. See TP-6446 for instructions.

Fuse

The demonstration unit has a 5-amp, slow-blow IEC ceramic 5x20 fuse. Obtain replacement fuses locally if required.

Parts List

MPAC™ 1500 Demonstration Case

Kit: GM51765-KP1		
Qty.	Description	Part Number
1	USB Interface (Monitor III key)	GM29225
1	Monitor III Software	GM41097
1	Assembly, MPAC Demo Unit	GM51765
1	Power cord	GM55383
1	O/M Monitor III	TP-6347
1	O/I/M Model KCS/KCP	TP-6446