

Power Management Overview

The purpose of the Power Management System is to prevent Inverter loss when Shore Power or Generator Power is lost. When the Power Management System is ON and Shore Power or Generator Power is lost, the Inverter automatically starts powering only certain preselected 110 volt breakers.

Shore Power (50 amps) and the Generator (60 amps) can supply more power than the Inverter while it is Inverting (35 amps). When the Power Management System switch is ON (green) and Shore or Generator power is lost, specific 110 volt breakers on the Touch Screen Panels will immediately be de-energized. This reduces the load on each Inverter to less than 35 amps (maximum designed load). This protects the Inverters from tripping.

Only specific breakers on the Touch Screen Panels will remain energized. When Shore Power or Generator power is restored, the system does not restore all the circuit breakers to their pre power loss condition. You must restart or turn on equipment/loads that were lost.

Note: Both the Shore Power and Generator Power must be lost for the Power Management System to automatically reduce loads. If you are operating the Generator with the Shore Power cord connected to the coach and the Generator Power is lost, the Power Management System still senses Shore Power and will not reduce loads.

With the Power Management on, you still have use of all 110 volt breakers on the Touch Screen Panels. You must use proper "Load Management" to ensure that you do not exceed 35 amps of load for each Inverter while inverting, 50 amps per phase while using Shore Power and 60 amps per phase while operating the Generator.

It is recommended that the Power Management System remain on during normal coach operations and especially when left unattended.

During periods of dry camping when there is no Shore Power available and limited Generator use, and you want full control of what loads (equipment) are energized, press the Power Management System switch to turn it OFF (red). Proper Load Management must then be utilized so that the amps being used do not exceed the amps available.

