

50 AMP Smart Energy Management System™ Model 900

INSTALLATION & SERVICE MANUAL

ERRATA

OPERATION IN VEHICLES USING AVAILABLE SERVICE - Page 3

If the generator is running, a +12 VDC signal will be present at J2 pin 2 on the Control Module.

Replace 240VAC 50A and 120 VAC Gen-Set Service paragraphs - Page 3

240 VAC 50A Service

If 240 VAC exists between the L1 and L2 inputs, the energy management feature is disabled and all control relay contacts are closed, energizing all of the controlled loads. The Control Module sends a signal to the Display Module which causes the load meter to go blank, and all power status indicators to light. If the generator is running, the GEN SET service indicator on the Display Module will light, otherwise the 50A service indicator will light.

120 VAC Gen-set Service

If the L1 and L2 inputs are at the same voltage (0 Volts between L1 and L2 and 120 VAC between either L1 or L2 and Neutral) The Control Module sends a signal to the Display Module causing the load meter to display actual load current and the GEN SET service indicator to light. If the Genset EMS feature is not enabled (default) all loads will be turned on, independent of the load rating of the generator, and all power status indicators will light. If the Genset EMS featured is enabled (installers option), loads will turn on until the load rating of the generator is reached, and the status indicators for those loads will light.

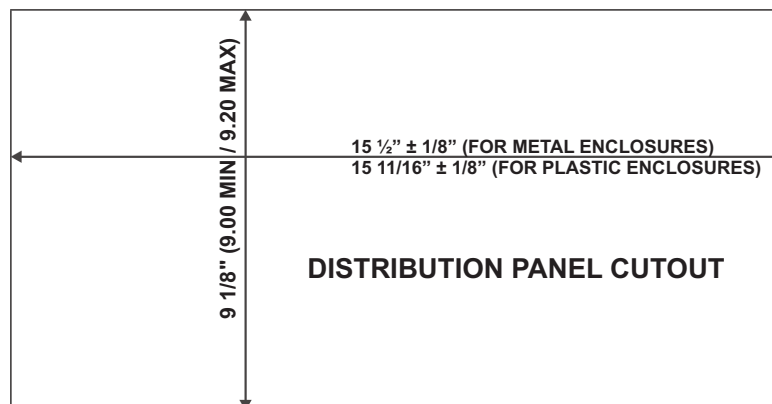
Shedding Order Determination: (page 6 Insert test after first paragraph and before load table)

Starting February 23, 2007 (Julian date code 05407), position 7 has been defined for a 3rd air option feature (previously a reserved position). When position 7 is in the off position, the 3rd air option is enabled. When position 7 is in the on position, the 3rd air option is disabled. When the 3rd air option is enabled, the functionality of this option is as follows:

When service is 30 Amps or less, relay 1 disabled (off state) where relay 1 has been wired for a 3rd air conditioning unit. Also, the LED on the display unit will be off for relay 1.

NOTE: The 00-00903-XYZ displays have had a recent software update to allow the decoding of the relay 1 led indicator. Displays date coded after Feb. 5, 2007 will have this software update. Intellitec Julian Date code of 030607 or newer. Julian date code is the following: first three digits are number of days into the year and the last digits is the year.

Page 7 - Pictorial of Distribution Panel Cutout



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(5th paragraph on page 8, change in terminal screw torque value)

Tighten each terminal screw to 16 in.-lb. of torque.

(Top of page 9 insert box to the right of J4 Pin and Function)

NOTE:

Relay 5 & 6 ARE energized during the 2 minute start-up delay period. After the 2 minute delay cycle, the EMS will de-energize Relay 5 & 6, moving their contacts back to the Normally Closed positions; J4 pins 2 & 3, J4 pins 4 & 5.

Page 10,(typo correction in paragraph 5 just below item 3)

The Display Panel should be plugged onto the mating three-pin Mate-N-Lock connector in the harness, insuring that it is fully seated and locked.

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